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THE UNIVERSITY OF MICHIGAN
THE UNIVERSITY OF MICHIGAN
1817
LIBRARIES

From
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BIBLIOGRAPHICAL CONTRIBUTIONS.

EDITED BY JUSTIN WINSOR,
LIBRARIAN.

5/

No. 21.

A LIST OF THE PUBLICATIONS
OF HARVARD UNIVERSITY AND ITS OFFICERS,
WITH THE CHIEF PUBLICATIONS ON THE UNIVERSITY,

1880–1885.

CAMBRIDGE, MASS.:
Issued by the Library of Harvard University.
1886.

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Already issued or in preparation:

A Star prefixed indicates they are not yet ready.

1. EDWARD S. HOLDEN. Index-Catalogue of Books and Memoirs on the Transits of Mercury.
2. JUSTIN WINSOR. Shakespeare's Poems: a Bibliography of the Earlier Editions.
3. CHARLES ELIOT NORTON. Principal books relating to the Life and Works of Michelangelo, with Notes.
4. JUSTIN WINSOR. Pietas et Gratulatio. An Inquiry into the authorship of the several pieces.
5. LIST OF APPARATUS in different Laboratories of the United States, available for Scientific Researches involving Accurate Measurements.
6. THE COLLECTION OF BOOKS AND AUTOGRAPHS, bequeathed to Harvard College Library, by the Honorable Charles Sumner.
7. WILLIAM C. LANE. The Dante Collections in the Harvard College and Boston Public Libraries.
8. CALENDAR of the Arthur Lee Manuscripts in Harvard College Library.
9. GEORGE LINCOLN GOODALE. The Floras of different countries.
10. JUSTIN WINSOR. Halliwelliana: a Bibliography of the Publications of James Orchard Halliwell-Phillipps.
11. SAMUEL H. SCUDDER. The Entomological Libraries of the United States.
12. A LIST OF THE PUBLICATIONS of Harvard University and its Officers, 1870–1880.
13. SAMUEL H. SCUDDER. A Bibliography of Fossil Insects.
14. WILLIAM H. TILLINGHAST. Notes on the Historical Hydrography of the Handkerchief Shoal in the Bahamas.
15. J. D. WHITNEY. List of American Authors in Geology and Palæontology.
16. RICHARD BLISS. Classified Index to the Maps in Petermann's Geographische Mittheilungen. 1855–1881.

*17. RICHARD BLISS. Classified Index to the Maps in the Royal Geographical Society's Publications. 1830–1883.

18. JUSTIN WINSOR. The Bibliography of Ptolemy's Geography.

*19. JUSTIN WINSOR. The Kohl Collection of Early Maps.

20. WILLIAM C. LANE. Index to Recent Reference Lists, 1884–1885.

21. A LIST OF THE PUBLICATIONS of Harvard University and its Officers, 1880–1885.

*** The preparation of No. 21 was begun by Mr. WILLIAM C. LANE; but the main labor has been done by his colleague on the library staff, Mr. WILLIAM H. TILLINGHAST.

OFFICIAL PUBLICATIONS.

*** This list has been prepared from responses to the following circular: —

CAMBRIDGE, GORE HALL,
Dec. 12, 1885.

DEAR SIR, —

It is intended to print in the Harvard University Bulletin a continuation of the *List of the publications of Harvard University and its Officers, 1870–1880*, issued in 1881, to cover the period from Sept, 30, 1880, to Sept. 30, 1885.

I am directed by the President to request your coöperation in making this list accurate and complete by furnishing me with the titles of the publications made by you during the term of your service so far as it falls within the period named, and the titles of such other of your publications, if any, as may be said to have grown out of your work in the University, though published after your connection with it ceased.

The classes of works intended are these: —

1. Independent works as author or editor.

2. Joint works as author or editor.

3. Contributions, bearing the author's name, to serial, periodical, or occasional publications, including transactions of learned societies.

4. Lectures delivered within or without the University, which have been subsequently printed.

As it is intended to give a separate list of the contents of the Annals of the Observatory, the Memoirs and Bulletin of the Museum of Comparative Zoölogy, the Reports of the Peabody Museum, the Library Bulletin, and the Bulletin of the Bussey Institution, contributions to these publications of the University need not be enumerated.

I enclose a blank form for your use in preparing the list, and beg that you will fill it out and return it to me not later than the 31st inst.

Respectfully yours,

WILLIAM H. TILLINGHAST,
Editor of the Quinquennial Catalogue.

THE UNIVERSITY.

Catalogus senatus academici Collegi Harvardiani, et eorum qui muneribus et officiis praefuerunt, quique honoribus academicis donati sunt, in universitate quae est Cantabrigiae in civitate Massachusettensium. Cantabrigiae, apud Carol.-Guil. Sever. MDCCCLXXXV. 8°. pp. xlii., 144, 122, 78.

Edited by W. H. Tillinghast.

The Harvard University catalogue, 1880–81—1884–85. 5 vols. Cambridge. 1880–84. 8°.

1880–81, pp. 230; 1881–82, pp. 262, *map;* 1882–83, pp. 288; 1883–84, pp. 278; 1884–85, pp. 294. The first three were "published for the University by Charles W. Sever," the last two were "published by the University." The volumes for 1880–83 were edited by H. N. Wheeler, 1883–85 by W. C. Lane.

Much of the matter in the Catalogue is reprinted for distribution in the Admission, Elective, and Post-graduate pamphlets. The Departments issue their own portions separately, in some cases with additions.

Annual reports of the President and Treasurer of Harvard College, 1880–81—1884–85. 5 vols. Cambridge. 1882–86. 8°.

1880–81, pp. 144, 51; 1881–82, pp. 150, 51; 1882–83, pp. 168, 53; 1883–84, pp. 186, 50; 1884–85, pp. 210, 58.

These reports contain also the reports from the various departments and institutions of the University. The reports of the Treasurer and of several of the departments are also issued separately.

Report of the committee on government to the Board of Overseers, 1881–82. Undated. Signed E. P. Seaver, Chairman. pp. 14.

Report of the committee to visit the Lawrence Scientific School, 1881–82. Dated Oct. 11, 1882. Signed Morrill Wyman, for the Committee. pp. 15.

Report of a special committee of the Board of Overseers on changes in the requisitions for admission to college. Dated Oct. 10, 1883. Signed Edwin P. Seaver, Chairman. pp. 2.

Report [of special committee (C. R. Codman, Moorfield Story, and Solomon Lincoln) to which was referred the report of the committee on Rhetoric and English literature. Accepted Jan. 9, 1884.] pp. 7.

Report on the printing of the Quinquennial catalogue of Harvard University in the English language. [By John O. Sargent and C. F. Adams, Jr., submitted Jan. 28, 1885. New York, 1885.] 8°. pp. (2), 16.

Report of the committee on the Observatory, 1884–85. Presented Feb. 18, 1885. pp. 3.

Report [of a committee (A. P. Peabody, Phillips Brooks, and John Lowell) on the petition presented by Undergraduates that attendance at morning prayers be made voluntary for all students over twenty-one years of age. Presented March 8, 1885.] pp. 6.

[Descriptions of the courses of studies at Harvard University.] 1880–1885. 8°.

Represented are: Botany, Classics and Sanskrit, Forensics, French, Geology (including Meteorology, Physical Geography and Palaeontology), History, Mathematics, Music, Political Economy, Semitic languages.

Harvard University examination papers. 1880–1885. 8°.

These include the papers of the College and the Law School. The Medical School prints its papers as an appendix to its annual catalogue.

[Programmes of the exercises at Commencement for the years 1881–85.] 4°.

Contains the names of those who receive degrees and academic honors in all departments.

Regulations of the Faculty of Harvard College. 1880, 1882, 1885. 3 pams. 8°.

1880, pp. 7; 1882, pp. 8; 1885, pp. 8.

Changes in the regulations. Dated September, 1884. pp. 1.

ARNOLD ARBORETUM.

Annual report of the Director of the Arnold Arboretum [C. S. Sargent] to the President and Fellows of Harvard College, for 1880–81—1884–85. 5 reports. 1882–1886. 8°.

1880–81, pp. 8; 1881–82, pp. 8; 1882–83, pp. 12; 1883–84, pp. 4; 1884–85, pp. 7. These reports are reprinted, with the addition of appendices, from the President's annual reports.

ASTRONOMICAL OBSERVATORY.

Annals of the Astronomical Observatory of Harvard College. Vol. xiii. Pt. 1; vol. xiv. Cambridge. 1882–85. 4°.

Contents: — xiii. (Incomplete.) Part 1. Micrometric measurements made with the equatorial telescope of fifteen inches aperture during the years 1866–1881, under the direction of Joseph Winlock and E. C. Pickering, successive Directors of the Observatory. 1882. pp. vi., 204.

xiv. Observations with the meridian photometer during the years 1879–82. By E. C. Pickering, aided by Arthur Searle and O. C. Wendell. (Published in 2 parts.) 1884–85. pp. viii., 512, plates 3.

Thirty-sixth—Fortieth annual report of the Director of the Astronomical Observatory of Harvard College. Presented to the visiting committee, 1881–1885. By Edward C. Pickering. Cambridge. 1882–86. 8°.

1881, pp. 16; 1882, pp. 15; 1883, pp. 17; 1884, pp. 12; 1885, pp. 13. Each report includes a list of the scientific articles published by the officers of the Observatory during the year. These reports are also included in the annual reports of the President.

A plan for securing observations of the variable stars. Cambridge. 1882. 8°. pp. 15.

Statement of work done at the Harvard College Observatory during the years 1877–1882. By E. C. Pickering. Cambridge. 1882. 8°. pp. 23.

Circulars relative to the collection and distribution of astronomical intelligence. Cambridge. 1883. 8°. pp. 7.

First circular of instructions for observers of variable stars, acting in co-operation with the Harvard College Observatory. [Dated Cambridge, Jan. 27, 1883.] 8°. pp. 4.

Astronomical photography. [Circular, dated Cambridge, Feb. 21, 1883.] 4°. pp. 2.

BUSSEY INSTITUTION.

Bulletin of the Bussey Institution, Jamaica Plain, Boston. Vol. ii. Part 4. 1884. Boston, John Allyn. 1884. 8°.

Contents: — 21. Preface. pp. 253–254. — 22. On the results of fodder-analyses of leaves of the yellow- or curled-dock (Rumex crispus), and of sprouts of the common milk-weed (Asclepias Cornuti). By F. H. Storer. pp. 255–260. — 23. Trials to determine the rates at which some fertilizers may be scattered by hand. By F. H. Storer. pp. 261–263. — 24. Experiments on feeding mice with painter's-putty and with other mixtures of pigments and oil. By F. H. Storer. pp. 264–279. — 25. Experiments on feeding plants with the nitrogen of vegetable mould. By F. H. Storer. pp. 280–288. — 26. Experiments on the germination of weed seeds. By F. H. Storer. pp. 289–291. — 27. Description of an attempt to assay soils by the method of sand culture. By F. H. Storer. pp. 292–316. — 28. A special instance of the resistance of clover-seeds to water. By F. H. Storer. pp. 317–323. — 29. Cherry-stones eaten by the domestic pigeon. By F. H. Storer. pp. 324–336. — 30. Notes on certain physical characters of two common grasses. By the late L. S. Ford. pp. 337–342. — 31. Some items of American experience which suggest that potassic fertilizers may perhaps act in several different ways. F. H. Storer. pp. 343–372.

The annual reports of the Dean of the Bussey Institution will be found in the President's reports.

LIBRARY.

Harvard University weekly calendar, no. 1–28, March [20th]—December, 1881; — Harvard University calendar, no. 29–157, January, 1882—June, 1885.

The calendar is issued in term-time only.

Library bulletin, no. 16, 17. Oct. 1st, 1880, Jan. 1st, 1881. Vol. ii. no. 3, 4; — Harvard University bulletin, no. 18–31. Vol. ii. no. 5 — vol. iv. no. 2. April 1, 1881 — May, 1885.

Beginning with no. 18, each Bulletin has contained official abstracts of the records of meetings of the Corporation and the Board of Overseers.

The current necrology of the graduates of the University, contributed by the editor of the Quinquennial catalogue, will be found in nos. 22, 23, 24, 26, 27, 28, 30, 31, 32 (1882–85).

Besides the more extended articles afterwards issued as "Bibliographical contributions" and enumerated below, the numbers of the Bulletin have contained the following papers: —

16. Russian nihilism, by Ivan Panin.

17. Suggestions of subjects for students' work in Physics, by Professors Wolcott Gibbs and John Trowbridge.

18. Russian sources on nihilism, by Ivan Panin. — References for Senior Forensics. Shakespeare-Bacon question and Classical studies. — University notes.

19. University notes.

20. University notes. — Records of the Centennial Convention of the Fraternity of Φ. B. K., June 30, 1881.

21. Records of the Φ. B. K. Convention in New York, Oct. 18, 1881.

22, 23, 25. University notes.

Bibliographical contributions. Edited by Justin Winsor. Republished from the Bulletin of Harvard University. The following numbers have been issued since Sept., 1880: —

7. William C. Lane. The Dante collections in the Harvard College and Boston Public Libraries. Part i. 1885. pp. 18.
8. Calendar of the Arthur Lee manuscripts in Harvard College Library. 1882. pp. 43.
10. Justin Winsor. Halliwelliana: a bibliography of the publications of James Orchard Halliwell-Phillipps. 1881. pp. 30.
12. A list of the publications of Harvard University and its Officers, 1870–1880. 1881. pp. 51.
13. Samuel H. Scudder. A bibliography of fossil insects. 1882. pp. 47.
14. William H. Tillinghast. Notes on the historical hydrography of the Handkerchief Shoal in the Bahamas. 1881. pp. (8).
15. J. D. Whitney. List of American authors in Geology and Palaeontology. 1882. pp. 11.
16. Richard Bliss. Classified index to the maps in Petermann's Geographische Mittheilungen, 1855–1881. 1884. pp. 55.
18. Justin Winsor. The bibliography of Ptolemy's Geography. 1884. pp. 42.
20. William C. Lane. Index to recent reference lists, 1884–1885. 1885. pp. 8.

The following are in course of publication: —

17. Richard Bliss. Classified index to maps in the Royal Geographical Society's publications. 1830–1883.
19. Justin Winsor. The Kohl collection of early maps.

[List of Map portfolios in Harvard College Library as arranged by Rev. H. C. Badger. 1885.]

Fourth—Eighth report (1881–85) of Justin Winsor, librarian of Harvard University. Included in the annual reports of the President, and also printed separately.

MUSEUM OF COMPARATIVE ZOÖLOGY.

Memoirs of the Museum of Comparative Zoölogy at Harvard College. Vol. vii.–xiv. 1880–85. 4°.

Contents. — vii. (1880–82.) 1. Report on the Florida reefs. By Louis Agassiz. 1880. pp. (4), 61, plates 23. — 2. The climatic changes of later geological times: a discussion based on observations made in the Cordilleras of North America. By J. D. Whitney. 1880–82. pp. xiv., 394.

viii. (1881–84.) 1. The immature state of the Odonata. Part ii. — Subfamily Æschnina., By Louis Cabot. 1881. pp. 40, plates 5. — 2. Exploration of the surface fauna of the Gulf Stream under the auspices of the Coast Survey. By Alexander Agassiz. III. Pt. i. The Porpitidæ and Velellidæ. 1883. pp. (2), 16, plates 12. — 3. The reptiles and batrachians of North America. By Samuel Garman. Published by permission of the Kentucky Geological Survey. Yeoman Press. Frankfort, Ky. 1883 [1884]. pp. (4), xxxii., 185, plates 9.

ix. (Incomplete.) Selections from embryological monographs. Compiled by Alexander Agassiz, Walter Faxon, and E. L. Mark. 1. Crustacea; by Walter Faxon. 1882. pp. (34), plates 14. — 2. Echinodermata; by Alexander Agassiz. 1883. pp. 46, plates 15. — 3. Acalephs, by J. W. Fewkes; and Polyps, by E. L. Mark. 1884. pp. 52, plates 13.

*** Each part is accompanied by a Bibliography of its subject, published in the Bulletin of the Museum. The three parts already issued will be found respectively in vol. ix. no. 6, vol. x. no. 2, and vol. xi. no. 10.

x. (Incomplete.) 1. Reports on the results of dredging, under the supervision of Alexander Agassiz, by the U. S. Coast Survey steamer "Blake." XXIV. Pt. i. Report on the Echini. By Alexander Agassiz. 1883. pp. 94, plates 32. — 2. *In press.* — 3. Results of an examination of Syrian molluscan fossils, chiefly from the range of Mount Lebanon. By C. E. Hamlin. 1884. pp. (2), 68,

plates 6. — 4. A revision of the Astacidae. By Walter Faxon. Pt. i. The genera Cambarus and Astacus. 1885. pp. vi., 186, plates 10.

xi. (Incomplete.) 1. Lithological studies. A description and classification of the rocks of the Cordilleras. By M. E. Wadsworth. 1884. pp. xvi., 208, (2); xxxiii., plates 8.

xii. (1884.) The water birds of North America. By S. F. Baird, T. M. Brewer, and R. Ridgway. Issued in continuation of the publications of the Geological Survey of California. J. D. Whitney, state geologist. Vol. i. Boston. Little, Brown & Co. pp. xii., 537. Woodcuts, in part colored.

xiii. (1884.) *The same.* Vol. ii. pp. (6), 552. Woodcuts, in part colored.

xiv. (Incomplete.) 1. Pt. i. Studies from the Newport Marine Laboratory. Communicated by Alexander Agassiz. XVI. The development of osseous fishes. i. The pelagic stages of young fishes. By Alexander Agassiz and C. O. Whitman. 1885. pp. (2), 56, plates 19.

Bulletin of the Museum of Comparative Zoölogy at Harvard College, in Cambridge. Vol. vi.–xii. Cambridge. 1879–85. 8°.

Contents. — vi. (1879–80. pp. (6), 1–172, (4), 173–625; plates 23.) 1–9. Titles given in former list. — 10. On some points in the structure of the embryonic Zoëa. By Walter Faxon. pp. 159–166, plates 2. (Oct. 1880.) — 11. New species of Selachians in the Museum collection. By Samuel Garman. pp. 167–172. (Oct. 1880.) — 12. Maturation, fecundation, and segmentation of Limax campestris, Binney. By E. L. Mark. pp. 173–625, plates 5. (Oct. 1881.)

*** Nos. 1–11 from pt. i. of this volume; no. 12 forms pt. ii.

vii. (1880–84. pp. (8), 1–167 [164], xi., 165–329, xvi., 331–565; plates 13.) 1. Notes on the geology of the iron and copper districts of Lake Superior. By M. E. Wadsworth. pp. 1–164, xi., plates 6. (July, 1880.) — 2. The felsites and their associated rocks north of Boston. By J. S. Diller. pp. 165–180. (May, 1881.) — 3. On an occurrence of gold in Maine. By M. E. Wadsworth. pp. 181. (May, 1881.) — 4. A microscopical study of the iron ore, or peridotite of Iron Mine Hill, Cumberland, R. I. By M. E. Wadsworth. pp. 183–187. (May, 1881.) — 5. Observations upon the physical geography and geology of Mount Ktaadn and the adjacent district. By C. E. Hamlin. pp. 189–224. Plate and map. (June, 1881.) — 6. Report on the recent additions of fossil plants to the museum collections. By Léo Lesquereux. pp. 225–230. (Oct. 1881.) — 7. The great dike at Hough's Neck, Quincy, Mass. By J. E. Wolff. pp. 231–242. (July, 1882.) — 8. On some specimens of Permian fossil plants from Colorado. By Léo Lesquereux. pp. 243–247. (Oct. 1882.) — 9. On the relations of the triassic traps and sandstones of the eastern United States. By W. M. Davis. pp. 249–309, plates 3. (Jan. 1883.) — 10. The folded Helderberg limestones east of the Catskills. By W. M. Davis. pp. 311–329, plates 2. (Jan. 1883.) — 11. The azoic system and its proposed subdivisions. By J. D. Whitney and M. E. Wadsworth. pp. xvi., 331–565. (Aug. 1884.)

viii. (1880–81. pp. iv., 284, plates 39.) 1. Reports on the results of dredging by the U. S. C. S. Str. "Blake." VIII. Études préliminaires sur les Crustacés par Alph. Milne-Edwards. 1ère partie. pp. 1–68, plates 2. (Dec. 1880.) — 2. Reports on the results of dredging by the U. S. C. S. Str. "Blake." IX. Preliminary report on the Echini. By Alexander Agassiz. pp. 69–84. (Dec. 1880.) — 3. New and little-known reptiles and fishes in the museum collections. By Samuel Garman. pp. 85–93. (Feb. 1881.) — 4. List of dredging stations occupied during the year 1880 by the U. S. C. S. Str. "Blake." pp. 95–98. (Feb. 1881.) — 5. Reports on the results of dredging by the U. S. C. S. Str. "Blake." X. Report on the Cephalopods, and on some additional species dredged by the U. S. Fish Commission Str. "Fish Hawk," during the season of 1880. By A. E. Verrill. pp. 99–116, plates 8. (March, 1881.) — 6. The stomach and genital organs of Astrophytidae. By Theodore Lyman. pp. 117–125, plates 2. (Feb. 1881.) — 7. Reports on the results of dredging by the U. S. C. S. Str. "Blake." XI. Report on the Acalephæ. By J. W. Fewkes. pp. 127–140, plates 4. (March, 1881.) — 8. Studies of the jelly-fishes of Narragansett Bay. By J. W. Fewkes. pp. 141–182, plates 10. (Feb. 1881.) — 9. List of mammals collected by Dr. Edward Palmer in north-eastern Mexico, with field-notes by the collector. By J. A. Allen. pp. 183–189. — 10. The Trilobite: new and old evidence relating to its organization. By C. D. Walcott. pp. 191–230, plates 6. (March, 1881.) — 11. Reports on the results of dredging by the U. S. C. S. Str. "Blake." XII. Report on the Selachians. By Samuel Garman. pp. 231–237. (March, 1881.) — 12. Reports on the results of dredging by the U. S. C. S. Str. "Blake." XIII. Report on the Pyconogonida. By B. Wilson. pp. 239–256, plates 5. (March, 1881.) — 13. On some crustacean deformities. By Walter Faxon. pp. 257–274, plates 2. (March, 1881.) — 14. The Devonian insects of New Brunswick. By Dr. H. A. Hagen. pp. 275–284. (March, 1881.)

ix. (1881–82. pp. (4), 310, plates 11.) 1. Reports on the results of dredging by the U. S. C. S.

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5-1

No. 21.

A LIST OF THE PUBLICATIONS
OF HARVARD UNIVERSITY AND ITS OFFICERS,
WITH THE CHIEF PUBLICATIONS ON THE UNIVERSITY,

1880–1885.

CAMBRIDGE, MASS.:
Issued by the Library of Harvard University.
1886.

of public instruction, by the philosophical faculty of the royal Frederick-William University, in the years 1869 and 1880. Boston. 1883. 16°. pp. viii., 77.

The preface was written by Professor J. W. White.

3. The Greek question: remarks made at the dinner of the Harvard Club of Rhode Island, Newport, Aug. 25, 1883. By Josiah Parsons Cooke. [From advance sheets of the Popular Science Monthly.] [1883] 8°. pp. 6.

Appeared in the *Popular Science Mo.*, Nov. 1883; xxiv., 1-6. Also in Scientific culture and other essays. By Josiah Parsons Cooke. Second edition; with additions. N. Y., 1885. 12°. pp. 203-213.

4. A college fetich. . . . By Charles Francis Adams, Jr. Third edition, with supplementary matter. Boston, etc. 1884. 8°. pp. 71.

The appendix quotes a speech by Mr. Geo. S. Merriam at a meeting of Yale alumni (175), a paper by Professor James of the University of Pennsylvania on the classical question in Germany (42), and an article by Professor E. L. Youmans on the same question as discussed in England (50).

5. The Greek question and answer. By Louis Dyer, assistant professor of Greek and Latin in Harvard College. A paper read before the Harvard Club of Rhode Island in Providence, Feb. 25, 1884. Privately printed. Cambridge. 1884. 4°. pp. 19.

6. Greek and what next? An address. Solomos' hymn to liberty, a poem. Read before the Alumni Association of Brown University, June 17, 1884, by Arnold Green. Providence. 1884. 8°. pp. 52.

7. *Not* "A college fetish." An address in reply to the address of Charles Francis Adams, Jr., delivered before the Harvard chapter of the Fraternity of the Phi Beta Kappa, at Cambridge, June 28, 1883, by D. H. Chamberlain. With portions of articles by Professors Zeller, Fisher, and Peabody. Boston. 1884. 8°. pp. iv., 5-93.

This address before it was printed was delivered before the Yale Kent club, at New Haven, March 11, 1884; before the Amherst chapter of the Phi Beta Kappa, May 2; at Phillips Academy, Andover, May 23; at Williston Seminary, Easthampton, May 10; before the Phi Beta Kappa of the University of Vermont, June 24; and before the American Institute of Instruction, at Martha's Vineyard, July 9. The appendix contains extracts from nos. 107, 54, 11.

8. The language question. A résumé. By Prof. F. V. N. Painter, of Roanoke College, Virginia. [From the "Roanoke Collegian."] Cambridge. 1884. 8°. pp. 7.

9. President Porter's pamphlet: "The new departure in college education," deals in part with the Greek question. See p. 9.

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The Crimson. Vol. xvi.–xxi. Sept. 30, 1880—June 22, 1883. *Fortnightly*, up to June 28, 1882; *weekly*, from Sept. 30, 1882, to June 22, 1883.

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The following was published in 1882: "Sketches from the Harvard Lampoon. Compiled by W. W. Kent and L. E. Sexton. Published by the Lampoon board of 1882." pp. (10), 122.

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[Oration delivered before the Harvard chapter of the Fraternity of the Phi Beta Kappa, June 29, 1882] by Carl Schurz.

Printed in the *Boston Daily Advertiser*, June 30, 1882.

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An attempt at a bibliography of the discussion caused by this oration will be found on p. 9.

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CLASS REPORTS, ETC.

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Harvard College. Class of 1881. Secretary's report. I. 1881. [By C. R. Sanger.] n. p. n. d. 8°. pp. 102.

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Harvard College. Class of 1883. Secretary's report. No. I. 1883. [By F. Nichols.] n. p. n. d. 8°. pp. 107.

Harvard College. Class of 1884. Secretary's report. No. I. 1884. [By E. A. Hibbard.] n. p. n. d. 8°. pp. 115.

Class of 1881. Valedictory sermon and hymn, Class-day orations and poem. Cambridge. 1881. 8°. pp. 40.

Sermon: Christo et ecclesiae, by Andrew P. Peabody. — Hymn, by Henry Norman. — Oration, by Curtis Guild. — Poem, by C. T. Dazey. — Ivy oration, by Carleton Sprague. — Ode, by Prescott Evarts. — Song, words by M. S. Wright, music by G. A. Burdett.

Class of 1882. Baccalaureate sermon, Class-day oration, etc. Cambridge. 1882. 8°. pp. 40.

Sermon, by Francis G. Peabody. — Oration, by Sherman Hoar. — Poem, by J. McG. Foster. — Ivy oration, by G. L. Kittredge. — Ode, by F. E. Fuller. — Song, words by Gustavus Tuckerman, music by F. R. Burton.

Class of 1883. Baccalaureate sermon, Class-day oration, etc. Cambridge. 1883. 8°. pp. 47.

Sermon: Hospitality, by Andrew P. Peabody. — Oration, by A. R. Marsh. — Poem, by H. G. Chapman. — Ivy oration, by C. H. Grandgent. — Ode, by A. M. Lord. — Song, words and music by E. P. Warren.

Class of 1884. Baccalaureate sermon, Class-day oration, poem, Ivy oration, ode, class song. Cambridge. 1884. pp. 52.

Sermon: Character, the medium between learning and life, by Phillips Brooks. — Oration, by W. W. Fenn. — Poem, by L. E. Gates. — Ivy oration, by J. J. Chapman. — Ode, by W. W. Mumford. — Song, words by C. C. Ziegler, music by C. E. Hamlin.

Class of 1885. Baccalaureate sermon, Class-day oration, poem, Ivy oration, ode, class song. Cambridge. 1885. 8°. pp. 40.

Sermon: Consulting with one's self, by Andrew P. Peabody. — Oration, by E. T. Sandford. — Poem, by G. R. Nutter. — Ivy oration, by E. L. Thayer. — Ode, by J. A. Hill. — Song, words by J. S. Phillips, music by C. W. Ayer.

Note. — The following titles should be added to the list of articles on the Greek question: The proposed change in liberal studies. *Andover Review*, July, 1884. — The educating power of the classics. A. W. Gould. *Trans. Mich. State Teachers' Assoc.*, xxxiii. 32.

PUBLICATIONS OF THE OFFICERS.

Ezra Abbot.

Bussey Professor of New Testament Criticism and Interpretation, 1872–1884.

1. The Gospels in the new revision. *Sunday School Times* (Phila.), 28 May, 4 June, 11 June, 1881. The first article was reprinted in Dr. Kennedy's *Ely lectures on the revision*. Appendix ii. London. 1882.
2. Notice of Westcott and Hort's edition of the Greek Testament. *Sunday School Times*, 5 Nov. 1881. Reprinted in large part in the *Ely lectures* (as above), pp. 161–165.
3. Dr. Gregory's Prolegomena to Tischendorf's last critical edition of the Greek Testament. *Harvard Register*, June, 1881; iii. 322.
4. On the construction of Titus ii. 13. *Journal of the Soc. of Biblical Lit. and Exegesis*, June, 1881, pp. 3–19.
5. On the construction of Romans ix. 5. *Ibid.*, Dec. 1881, pp. 87–154. See also, *ibid.*, Dec. 1882, p. 160.
6. Revision and in large part rewriting of the article "Bible text: the New Testament," by Tischendorf and Gebhardt in the Schaff-Herzog *Encyclopaedia of religious knowledge*, vol. i. New York. 1882, pp. 268–279.
7. A new authority on demonology. *Independent*, 1 March, 1883.
8. An exegetical note (on Matt. xxii. 14). *Christian Register*, 22 Feb. 1883.
9. Recent discussions of Romans ix. 5. *Journal of the Soc. of Biblical Lit. and Exegesis*, Dec. 1883, pp. 90–112.
10. Novum Testamentum Graece ad antiquissimos testes denuo recensuit apparatum criticum apposuit Constantinus Tischendorf. Editio octava critica maior. Volumen iii. Prolegomena scripsit Casparus Renatus Gregory additis curis † Ezrae Abbot. Pars prior. Lipsiae. 1884. 8°. — Advance sheets of pp. 167–182 were printed with the following title: De editionibus Novi Testamenti Graece in versuum quos dicunt distinctione inter se discrepantibus. 1882.
11. (Posthumous) Extract from a private letter to Dr. Isaac H. Hall: Gerhard *von Mastricht* (not *van Maestricht*) the proper spelling of the name of the Greek Testament editor designated by the letters "G. D. T. M. D." *Unitarian Review*, Aug. 1884; xxii. pp. 169–173.
12. Critical appendix to the Andover Review, vol. iii. Notes on Scrivener's "Plain introduction to the criticism of the New Testament," third edition. Chiefly from memoranda of the late Prof. Ezra Abbot, D.D., LL.D. With additions from Profs. Harris and Warfield and Dr. C. R. Gregory. Edited by Joseph Henry Thayer, D.D. Boston, *etc.* 1885. 8°.

Ezra Abbot. Published for the alumni of Harvard Divinity School. Cambridge. 1884. 8°. *Portrait.*

Containing addresses by Prof. C. C. Everett, Rev. Aug. Woodbury, Rev. A. P. Peabody, Prof. J. H. Thayer, Memorial tributes from academical and literary bodies, and from personal sources, and a list of Dr. Abbot's publications.

Brooks Adams.

Lecturer on Constitutional Law, 1882–1883.

1. The embryo of a commonwealth. *Atlantic Monthly*, Nov. 1884; liv. 610.
2. The consolidation of the colonies. *Ibid.*, March, 1885; lv. 302.

Alexander Agassiz.

Curator of the Museum of Comparative Zoölogy, 1875——.

1. Palaeological and embryological development. Address, as Vice-president of section B., at the recent Boston meeting of the American Association for the advancement of Science. *Am. Journ. of Science*, Oct., Nov. 1880; 3d series, xx. 294–302, 375–389. Also *Nature*, 2 Sept. 1880; xxii. 424–431.
2. Report on the Echinoidea dredged by H. M. S. "Challenger" during the years 1873–1876. *Report on the scientific results of the voyage of H. M. S. "Challenger."* . . . Prepared under the superintendence of Sir C. Wyville Thomson. Zoölogy. Vol. III. London. 1881. 4°. pp. 1–321, *plates* 65.
3. Biographical sketch of Louis François de Pourtalès. Cambridge. 1881. 8°. pp. 11. Reprinted from *Proc. Am. Acad.*, xvi. 435. See also *Nature*, 19 Aug. 1880; xxii. 371, and *Am. Journ. of Science*, Sept. 1880; 3d series, xx. 253–255.
4. Review of Dr. C. Chun's "Ctenophorae." *Am. Journ. of Science*, Jan. 1881; 3d series, xxi. 81.
5. List of dredging stations occupied during the year 1880 by the U. S. C. S. Str. "Blake." *Bull. Mus. Comp. Zoöl.*, Feb. 1881; viii. 4.
6. Review of Haeckel's "System der Medusen." *Am. Journ. of Science*, July, 1881; 3d series, xxii. 160.
7. Letter no. 5. To C. P. Patterson, Supt. U. S. C. S., on the explorations in the vicinity of the Tortugas, during March and April, 1881. *Bull. Mus. Comp. Zoöl.*, July, 1881; ix. 3.

8. Polyclonia frondosa. *Nature*, 29 Sept. 1881; xxiv. 509.

9. On the young stages of some osseous fishes. Part iii. *Proc. Am. Acad.*, May, 1882; xvii. 271–303, *plates* 20.

10. Obituary of Sir Charles Wyville Thomson. *Am. Journ. of Science*, June, 1882; 3d series, xxiii. 496.

11. Exploration of the surface fauna of the Gulf Stream under the auspices of the Coast Survey, III. i. The Porpitidae and Velellidae. *Mem. Mus. Comp. Zoöl.*, 1883; viii. 2. (Abstr. *Nature*, xxix. 262.)

12. Selections from embryological monographs, 2. Echinodermata. *Ibid.*, 1883; ix. 2.

13. Bibliography to accompany the above. *Bull. Mus. Comp. Zoöl.*, Aug. 1882; x. 2.

14. The Tortugas and Florida reefs. Cambridge, June, 1883. 4°. *Plates* 12. Reprinted from *Mem. Am. Acad.*, xi. 107–133.

15. On the development of some pelagic fish eggs. Preliminary notice. With C. O. Whitman. (Contributions from the Newport marine laboratory, xiv.) *Proc. Am. Acad.*, Aug. 1884; xx. 23–75, *plate*.

16. The development of osseous fishes, i. The pelagic stages of young fishes. With C. O. Whitman. (Studies from the Newport marine laboratory, xvi.) *Mem. Mus. Comp. Zoöl.*, 1885; xiv. 1, pt. 1.

17. Reports as Curator of the Museum of Comparative Zoölogy at Harvard College, 1880–1884. *See* Official Publications.

18. Editorship of the Memoirs and the Bulletin of the Museum of Comparative Zoölogy. The volumes issued since 1880 are fully analyzed under Official Publications.

19. Contributions from the zoölogical laboratory of the Museum of Comparative Zoölogy. *See* E. L. Mark.

20. Editorship of Reports on the results of dredging by the U. S. C. S. Str. "Blake." VIII. i., IX. XVI. XVII. i., XVIII.–XXIII., XXIV. i., XXVI. (*see Bull. and Mem. Mus. Comp. Zoöl.*). Mr. Agassiz wrote: IX. Preliminary report on the Echini. *Bull.*, Dec. 1880; viii. 2; — XXII. A chapter in the history of the Gulf Stream. *Ibid.*, May, 1883; xi. 2; — XXIV. i. Report on the Echini. *Mem.*, 1883; x. 1.

21. Editorship of Studies from the Newport marine zoölogical laboratory. This general title was first used with no. XIII., and a list of nos. I.–XII. was then given. (*Bull. Mus. Comp. Zoöl.*, xi. 9, p. 167.) — I.–VII. prior to Sept. 1880. — VIII. *Bull. Mus. Comp. Zoöl.*, vi. 8. — IX. *Ibid.*, viii. 8. — X. On the development of the pluteus of Arbacia. By J. W. Fewkes. *Mem. Peabody Acad.*, May, 1881; i. 6, pp. 10, *pl.* 1. — XI. *Bull. Mus. Comp. Zoöl.*, ix. 8. — XII. no. 9 above. — XIII. *Bull Mus. Comp. Zoöl.*, xi. 9. — XIV. no. 15 above. — XV. *Bull. Mus. Comp. Zoöl.*, xi. 11. — XVI. *Mem. Mus. Comp. Zoöl.*, xiv. 1, pt. i.

Louis Agassiz.

Director of the Museum of Comparative Zoölogy, 1859–1873.

*** The following posthumous works were published within the period included by this list.

1. Report on the Florida reefs. *Mem. Mus. Comp. Zoöl.*, 1880; vii. 1.

Louis Agassiz: his life and correspondence. Edited by Elizabeth Cary Agassiz. 2 vols. Boston. 1885. 8°. *Plates.*

Frederic DeForest Allen.

Professor of Classical Philology, 1880——.

1. Remnants of early Latin. Boston. 1880. 12°.

2. Etymological and grammatical notes. [τηλουρός, θεωρός, πιαίνω, δαΐφρων, siremps, macte virtute esto, temperare, intrare, penetrare.] *Am. Journ. of Philol.*, May, 1880; i. 127–145.

3. Greek inscription from Gerasa in Syria. *Ibid.*, July, 1882; iii. 206–207.

4. The dialect of Assos. *Ibid.*, Dec. 1882; iii. 463–464.

5. The University of Leyden in its relation to classical studies: address as President of the American Philological Association, 1882. *Proc. of the fourteenth annual session of the Am. Philol. Assoc., held at Cambridge*, July, 1882.

6. A Greek grammar for schools and colleges. By James Hadley, late professor in Yale College. Revised and in part rewritten by Frederic DeForest Allen, Professor in Harvard College. New York, etc. 1884. 12°.

7. Greek and Latin inscriptions from Palestine. *Am. Journ. of Philol.*, July, 1885; vi. 190–216.

Joel Asaph Allen.

Assistant in Ornithology, 1871–1885.

1. List of mammals collected by Dr. Edward Palmer in north-eastern Mexico, with field notes by the collector. *Bull. Mus. Comp. Zoöl.*, 1881; viii. 9.

2. Mammals and birds. *Harvard Register*, May. 1881; iii. 286.

3. The migration of birds. *Scribner's Monthly*, 1881; xvii. 932–938.

4. Preliminary list of works and papers relating to the mammalian orders Cete and Sirenia. *Bull. U. S. Geolog. and Geograph. Surv.*, 1882; vi. 399–562.

5. On trinomial nomenclature. *Zoölogist*, 1883; pp. 97–100.

6. On the interbreeding of birds. *Ibis*, 1883; pp. 226–228.

7. Capture of the crested seal on the coast of Massachusetts. *Science*, 15 June, 1883; i. 542.

8. The right whale of the Atlantic. *Ibid.*, 29 June, 1883, i. 598; 3 Aug. 1883, ii. 134; 31 Aug. 1883, ii. 267.

9. Edited the *Bulletin of the Nuttall Ornithological Club* (vi.–viii.; 1881–1883) and its successor, *The Auk.* (i., ii.; 1884, 1885).

10–18. In the *Bulletin of the Nuttall Ornithological Club:* 10. Insectivorous birds in their relation to man. 1881, vi. 22–27. — 11. Supplementary list of birds of the island of Santa Lucia, W. I. *Ibid.* 128. — 12. On the occurrence of the red-bellied woodpecker in Massachusetts. *Ibid.* 183. — 13. Capture of Plectrophanes lapponicus in Chester, S. C. 1882, vii. 54. — 14. The sharp-tailed finch in Kansas. *Ibid.* 55. — 15. Note on exceptions to the law of increase of size northward among North American birds. 1883, viii. 80–82. — 16. Capture of the great gray owl in Massachusetts. *Ibid.* 123. — 17. The wood ibis in Massachusetts. *Ibid.* 185. — 18. List of birds observed in the vicinity of Colorado Springs, Colorado, during March, April, and May, 1882. With William Brewster. *Ibid.* 151–161, 189–198.

19–23. In *The Auk:* 19. Zoölogical nomenclature. 1884, i. 338–353. — 20. Sexual selection and the nesting of birds. 1885, ii. 129–139. — 21. Capture of escaped cage birds. *Ibid.* 314. — 22. A hawk owl at Chatham, Mass. *Ibid.* 383. — 23. A crested auk on the Massachusetts coast. *Ibid.* 388.

Joseph Henry Allen.

Lecturer on Ecclesiastical History, 1878–1882.

1. Fragments of Christian history. Boston. 1880. 16°.

2. Three phases of modern theology. Boston. 1880. 8°.

3. Our liberal movement in theology, chiefly as shown in recollections of the history of Unitarianism in New England; being a closing course of lectures in the Harvard Divinity School. Boston. 1882. 16°.

4. Christian history in its three great periods. i. Early Christianity (including "Fragments"). — ii. The middle age. — iii. Modern phases. Boston. 1883. 16°.

A portion of this work appeared in the *Unitarian Review* under the following titles: Scholastic theology. July and Aug. 1882, p. 1, 130. Passage from dogma to philosophy. Oct. 1882, p. 330. Speculative theology. July, 1883, p. 19. Milton and the commonwealth. Sept. 1883, p. 242.

5. Outline of Christian history. A.D. 50–1880. Boston. 1884. 16°.

6. Caesar's Gallic war, 2d ed. revised and extended. ("Allen and Greenough" Classical series.) Boston. 1885. 16°.

7. Mathematics as a college study. *Harvard Register*, Feb. 1881; iii. 87.

8. Mount Auburn Cemetery. *Ibid.*, July, 1881; iii. 369.

9. Some early heretics. *Modern Review*, Oct. 1881.

10. A word on Hungary. *International Review*, Feb. 1882; xii. 139.

11. An American in Hungary. *Nation*, 22 Sept. 1881; xxxiii. 230.

12. The Mexican boundary. (J. Q. Adams.) *Ibid.*, June, 1883.

13. Port Royal. *Atlantic Monthly*, March, 1883; li. 387.

14. Did Caesar fortify the Rhône? *Journ. of Education*, July 12, 1883; xviii. 51.

15. International copyright. *American*, 15 March, 1884.

16–29. In the *Christian Register:* 16. Agnotheism — what is it? 22 Jan. 1881. — 17. Is it agnosticism? 5 Feb. 1881. — 18. The Greek play at Harvard. 19 Feb. 1881. — 19. Carlyle's Gospel. 26 May, 1881. — 20. Transylvania. (Four letters.) 27 Oct., 3, 10, 17 Nov. 1881. — 21. Review of "Natural religion." 31 Aug. 1882. — 22. Review of "Opinions and character of Jesus." 31 May, 1883. — 23. Review of Rev. A. P. Peabody's translation of Cicero's "De officiis." 4 Oct. 1883. — 24. Review of "Christianity in its cradle." — 25. Agnostic and positivist. 24 April, 1884. — 26. The optimism of science. 15 May, 1884. — 27. Spencer and Harrison again. 21 Aug. 1884. — 28. The worship of humanity. 4 Sept. 1884. — 29. Letters from California (13). 25 Dec. 1884—30 July, 1885.

30–36. In *The Index:* 30. Henry George's theories. 19 April, 17 May, 1883. — 31. Mr. George's land scheme. 24 May, 1883. — 32. Gibbon, and postscript, 31 May, 14 June, 1883. — 33. Was Christianity, then, all a calamity and a blunder? (Review of Oswald's "Secret of the east.") 6 Sept. 1883. — 34. Mr. Fiske's moral theories. 27 Dec. 1883. — 35. Cornell and Professor Adler. 17 Jan. 1884. — 36. "Reply," etc. (On philosophical necessity.) 14 Feb. 1884.

37–41. In the *Unitarian Review:* 37. Mr. Savage on the life of Jesus. Feb. 1881, p. 151. — 38. The oldest unitarian community. Jan. 1882, p. 38. — 39. Christ in the east and west. (Review of Mozoomdar's "The oriental Christ.") May, 1884, p. 409. — 40. Relation of the church of to-day to education. (Address at the Western conference.) July, 1884, p. 63. — 41. What New England congregationalism really meant. (National conference at Saratoga.) Nov. 1884, p. 392. — *See* also the note to no. 4.

Clement Walker Andrews.

Assistant in Organic Chemistry, 1880–1881.

1. Ueber dibromacrylsäure. With H. B. Hill. *Ber. d. deutschen chemischen Gesellschaft*, 1881; xiv. 1677.

2. On the relation between dibromacrylic acid and tribrompropionic acids. With H. B. Hill. *Proc. Am. Acad.*, 1881–1882; xvii. 133.

These papers belong to the series: *Contributions from the chemical laboratory of Harvard College.*

William Henry Baker.

Instructor in Gynaecology, 1875–1882; *Assistant Professor of Gynaecology*, 1882——.

1. Drainage in the removal of sub-mucous fibroids. *Arch. of Medicine*, Feb. 1882.

2. Vaginal ovariotomy. *N. Y. Med. Journ. and Obstetr. Rev.*, March, 1882, p. 250.
3. The treatment of cancer of the uterus. *Am. Journ. of Obstetr.*, April, 1882; xv. no. 2.
4. Hyperaemia of the vesico-urethral membrane. *Trans. Am. Gynecol. Soc.*, vii.
5. The use and abuse of Battey's and Tait's operations. *Boston Med. and Surg. Journ.*, 12 Feb. 1885.
6. Unusual cases of vesico-vaginal and vesico-uterine fistula. *Boston Med. and Surg. Journ.*, 26 Feb. 1885.

Charles Maynard Barnes.

Instructor in Sales, 1882–1883.

1. Edited Kent's Commentaries on American law. 13th ed. Boston. 1884.

Henry Jacob Bigelow.

Professor of Surgery, 1849–1882; *Emeritus*, 1882——.

1. Remarks on modern lithotrity. *Lancet*, 1881; ii. 533, 577. Also: *Trans. Internat. Med. Congr.*, 7th sess. London, 1881; ii. 292–306. Remarques sur la lithotritie moderne. *Rev. de Chirurg.*, 1882; ii. 301–318. Die moderne Lithotritie. *Arch. f. klin. Chirurg.*, xxvii. 673–696.
2. Radical cure, without operation, of a large and inflamed umbilical hernia, of seven years duration, and irreducible for two months before admission to the hospital; the hernia was slowly reduced by compression with adhesive straps, and the cavity of the inverted integuments obliterated by blistering during a period of six months. *Boston Med. and Surg. Journ.*, 1882; cvi. 10.
3. A case of disease of the liver terminating fatally in a month. *Ibid.*, 1882; cvi. 171.
4. Lithotrity with evacuation. *Ibid.*, 1882; cvi. 493–496.
5. A simplified evacuator for litholapaxy. *Boston Med. and Surg. Journ.*, 1883; cviii. 25–28. Also: *N. Y. Med. Journ.*, 1883; xxxvii. 38–41. Also: *Lancet*, 1883, i. 6, 52. Also: *Western Lancet* (San Francisco), 1883; xii. 42–59. Évacuateur simplifié pour la lithotritie rapide (litholapaxie). *Rev. de Chirurg.* Paris, 1883; iii. 453–462.

William Sturgis Bigelow.

Assistant in Surgery, 1880–1883.

1. The study of bacteria and their relations to disease. *Boston Med. and Surg. Journ.*, 1882; cvi. 248–250.

Clarence John Blake.

Clinical Instructor in Otology, 1870——.

1. Selection of test-words according to their logographic value. *Trans. Am. Otological Soc.*, 1881.
2. Aural symptoms occurring in hysteria and the hysterical element in aural disease. (In conjunction with Dr. G. L. Walton.) *Annales des Maladies de l'Oreille et du Larynx*, 1884; x.
3. Aural symptoms occurring in secondary syphilis (with Dr. G. L. Walton). *Ibid.*, 1885.
4. Reviews as associate editor of *Annales des Maladies de l'Oreille et du Larynx*, 1884.

5–11. In the *American Journal of Otology*: 5. On the occurrence of exostoses within the external auditory canal in prehistoric man. (Second paper.) 1880; ii. — 6. Treatment of othaematoma by means of pressure and massage. 1881; iii. — 7. Acute congestion of the upper portion of the tympanic cavity and membrana tympani. *Ibid.* — 8. Aural polypus snare. *Ibid.* — 9. The glossograph of Amadeo Gentilli. *Ibid.* — 10. The progressive growth of the dermoid coat of the membrana tympani. *Ibid.* — 11. Editorials and reviews as editor, 1881–82.

William Palmer Bolles.

Instructor in Materia Medica, 1880–1884.

1. New surgical apparatus. *Boston City Hospital Medical Reports*, 3d ser., 1882.
2. The articles upon Materia medica in *Wood's Reference Handbook of the Medical Sciences*. Vol. i. New York. 1885.

Henry Pickering Bowditch.

Professor of Physiology, 1876——. *Dean of the Medical Faculty*, 1883——.

1. The relation between growth and disease. Reprinted. Philadelphia. 1881. 8°. *Trans. Am. Med. Association*, 1881; xxxii. 371–377.
2. A comparison of sight and touch (with Dr. Southard). *Journ. of Physiology*, 1881–1882; iii. 232–245, *plate* 1.
3. Optical illusions of motion (with Dr. G. Stanley Hall). *Ibid.*, 1881–1882; iii. 297–307, *plate* 1.
4. On the collection of data at autopsies. *Boston Med. and Surg. Journ.*, 19 Oct. 1882; cvii. 365.
5. Plethysmographische Untersuchungen über die Gefässnerven der Extremitäten (with Dr. J. W. Warren). *Centralblatt für die medicinischen Wissenschaften*, 1883; xxi. 513.
6. Force production; a lecture. *Boston Med. and Surg. Journ.*, 1883; cviii. 385.
7. Note on the nature of nerve-force. *Journ. of Physiology*, May, 1885; vi. 133.
8. Reports as Dean of the Medical faculty. *Annual reports of the President*, 1882–1883—1884–1885.

The following articles represent work done in the physiological laboratory of the Harvard Medical School.

Note on the production of the second heart sound. By C. E. Webster. *Journ. of Physiol.*, Jan. 1882; iii. 294.

Reaction-time and attention in the hypnotic state. By G. Stanley Hall. *Mind*, April, 1883; viii. 170–182.

Experimental researches on the tension of the vocal bands. By Dr. F. H. Hooper. *Arch. of Laryngol.*, July, 1883.

Beiträge zur Theorie der Wärmeempfindung. By Dr. W. P. Lombard and Dr. G. L. Walton. *Centralblatt für die medicinischen Wissenschaften*, 1883, p. 577.

Description of the physiological laboratory of the Harvard Medical School. By Dr. J. W. Warren. *Science*, 15 Aug. 1884; iv. 128–135, *illustr.*

The respiratory function of the human larynx. By Dr. F. H. Hooper. *N. Y. Med. Journ.*, 4 July, 1885.

Plethysmographic and vaso-motor experiments with frogs. By Dr. F. W. Ellis. *Journ. of Physiol.*, Nov. 1885; vi. 435–463, *plates* 2,

Francis Bowen.

Alford Professor of Natural Religion, Moral Philosophy, and Civil Polity, 1853——.

1. Review of Hall's Aspects of German culture. *Harvard Register*, March, 1881; iii. 160.
2. Christian metempsychosis. *Princeton Review*, May, 1881, pp. 315–342.
3. An early American version of the Scriptures. *Ibid.*, Jan. 1883, pp. 19–46.
4. A layman's study of the English Bible considered in its literary and secular aspect. New York. 1885. 16°. pp. 145.

Charles Albert Brackett.

Assistant Professor of Dental Therapeutics, 1880–1883; *Professor of Dental Pathology and Therapeutics*, 1883——.

1. Certain therapeutic agents: a supplementary report as a member of section VI. of the American Dental Association. Read at the annual meeting in Boston, Aug. 1880. *Trans. of the Am. Dental Assoc. at the 20th ann. sess.*, 1881, p. 32.
2. One thing needful for the durability of fillings. A paper read before the American Academy of Dental Science at the annual meeting in Boston, Oct. 27, 1880. *Dental Cosmos*, May, 1881; xxiii. 235.
3. Newport as a health resort. *Daily News* (Newport, R. I.), 30 April, 1883; xxxviii. no. 75. Also in the *Newport Journal*, 4 May, 1883.
4. Some of the opportunities, responsibilities and encouragements of life. An address delivered before the Massachusetts Dental Society at its eighteenth annual meeting, in Boston, Dec. 14, 1882. Published by the Society. Boston. 1883. 8°. pp. 19.
5. Mistakes and failures. Reprinted from Transactions of the New York Odontological Society. 1883. Philadelphia. 1884. 8°. pp. 9.

A paper read before the Society, 20 Nov. 1883. It appeared also in *Dental Cosmos*, July, 1884; xxvi. 103.

Edward Hickling Bradford.

Clinical Instructor in Orthopedic Surgery, 1881–1882; *Assistant in Clinical Surgery*, 1882——.

1. Anchylosis of the spine. *Ann. Anat. and Surg.*, 1883.

2, 3. In *N. Y. Medical Journal:* 2. Two cases of knock knee, Jan. 1881. — 3. Three cases of painful affection of the wrist. July, 1882.

4–7. In *Boston Medical and Surgical Journal:* 4. Resection of tarsus in club foot. 5 Sept. 1881. — 5. Cases of wry neck. 1 June, 1882. — 6. Paralytic dislocation at the hip-joint. Jan. 1883. — 7. Use of force in club foot. 20 March, 1884.

Edward Cornelius Briggs.

Instructor in Operative Dentistry, 1880–1883; *Instructor in Materia Medica*, 1883-1884; *Instructor in Dental Materia Medica*, 1884——.

1. Sponge-grafting. Read before the American Medical Association and published in the *Journal of the Assoc.*, 1 Sept. 1883.

William Elwood Byerly.

Assistant Professor of Mathematics, 1876–1881; *Professor of Mathematics*, 1881——.

1. Elements of integral calculus, with a key to the solution of differential equations. Boston. 1881. 8°.
2. Syllabus of a course in plane trigonometry. Boston. 8°.
3. Syllabus of a course in plane analytical geometry. Boston. 8°.
4. Syllabus of a course in plane analytic geometry (advanced courses). Boston. 8°.
5. Syllabus of a course in analytical geometry of three dimensions. Boston. 8°.
6. Syllabus of a course on modern methods in analytic geometry. Boston. 8°.
7. Syllabus of a course in the theory of equations. Boston. 8°.

Lucien Carr.

Assistant Curator of the Peabody Museum of American Archaeology and Ethnology, 1877——.

1. Notes on the crania of New England Indians. *Anniversary memoirs of Boston Soc. Nat. Hist.* Boston. 1880. 4°.
2. The mounds of the Mississippi valley historically considered. 1883. 4°. From *Memoirs of the Kentucky Geological Survey*, ii.
3. On the social and political position of woman among the Huron-Iroquois tribes. *Report of the Peabody Mus.*, 1884. Papers 16, 17.

James Read Chadwick.

Clinical Instructor in Gynaecology. 1880——.

*** By request the titles of Dr. Chadwick's publications between his resignation in 1876 and his re-appointment in 1880 are entered here.

1. Functions of the anal sphincters, so-called. *Trans. Am. Gynecolog. Soc.*, 1878; ii.

2. The study and practice of medicine by women. *Internat. Review*, Oct. 1879.
3. Cases of sporadic septicaemia in gynaecological practice. *Trans. Am. Gynecolog. Soc.*, 1880; iv.
4. The hot rectal douche. *Ibid.*, 1881; v.
5. Obstetric and gynaecological literature, 1876–1880. *Trans. Am. Med. Assoc.*, 1882; xxxii.
6. Admission of women to the Mass. Medical Society. *Boston Med. and Surg. Journ.*, June, 1882.
7. The health of American women. *North Am. Review*, Dec. 1882.
8. Extirpation of a retro-renal sarcoma by abdominal section. *Boston Med. and Surg. Journ.*, 30 Oct. 1884.
9. Gradual reposition of an inverted uterus by a new contrivance. *Ibid.*, 26 March, 1885.
10. Rupture of vagina during coitus. *Ibid.*, 30 April, 1885.
11. Cases of pregnancy and labor complicated with fibroids. *Comm. Mass. Med. Soc.*, 1885; xiii.
12. Librarian's sixth report to the Boston Medical Library Association. 1881. sm. 4°. pp. 18.
13. Librarian's seventh, eighth, and ninth (conjoint) reports. 1884. sm. 4°. pp. 12.
14. Yearly indexes of the gynecological and obstetric literature of all countries for the years 1876 to 1880 inclusive. *Trans. Am. Gynecolog. Soc.*, 1878–1882; ii.–vi. (about pp. 75 each).
15. Editorship, as Secretary, of the *Transactions of the American Gynecological Society*. Boston. 1878–1882; ii.–vi. 8°.

Seth Carlo Chandler.

Astronomical Observatory.

1. Letter to the Astronomische Gesellschaft on the Science Observer code. *Vierteljahrsschrift d. Astron. Gesellschaft*, 1881; xvi. 344.
2. On the telegraphic transmission of astronomical data. *Science Observer*, Aug. 1881; iii. 65.
3. Elliptic elements of comet (*f*) 1881 — Denning. *Ibid.*, Dec. 1881; iii. 91.
4. On a new variable star in the constellation Cetus. *Ibid.*, March, 1882; iii. 105.
5. On Sawyer's variable, DM. + 1° 3408. *Ibid.*, July, 1882; iv. 11.
6. Results of tests with the almucantar in time and latitude. *Proc. Am. Assoc. for the advancement of Science*, 1883. Also *Sidereal Messenger*, ii. 269.
7. On some suspected variable stars. *Science Observer*, iv. 60.
8. Elements and ephemeris of comet 1884 II. (Barnard). *Ibid.*, iv. 80.
9. On a hitherto unexplained observation by Capt. Gilliss. *Sidereal Messenger*, iii. 315.
10–29. In *Astronomische Nachrichten:* 10. Elements of comet *b* 1881; c. 121. — 11. Elements and ephemeris of comet *e* 1881; c. 319. — 12. Observations and elements of Barnard's comet, 1881 VI; ci. 57. — 13. On the periodicity of comet (Denning) 1881 V.; ci. 93. — 14. On the variability of DM. + 23° 1599; cii. 139. — 15. On Sawyer's variable, DM. + 1° 3408; cii. 371. — 16. On the period of R Hydrae; ciii. 225. — 17. On the orbit of the great comet; ciii. 347, 381. — 18. Elements and observations of the comet 1883, Brooks-Swift; cv. 127. — 19. On the variability of 36 (Uran. Argentina) Ceti; cv. 333. — 20. Observations of comet 1883, I. (Brooks-Swift) at Harvard College Observatory; cvi. 9. — 21. On the outburst in the light of the comet Pons-Brooks, Sept. 21–23; cvii. 131. — 22. On the possible connection of the comet Pons-Brooks with a meteor-stream; cvii. 275. — 23. Observations and ephemeris of U Ophiuchi; cviii. 55. — 24. Elements and ephemeris of comet 1884 II.; cix. 223. — 25. On a convenient formula for differential refraction in ring-micrometer observations; cx. 177. — 26. Elements of comet 1884 (Wolf); cx. 148. — 27. Dr. Gould's star in Sculptor; cxi. 333. — 28. On the latitude of Harvard College Observatory; cxii. 113. — 29. On the right ascensions of certain fundamental stars; cxii. 381, cxiii. 17.

Edward Channing.

Instructor in History, 1883——.

1. Town and county government in the English colonies. *Johns Hopkins Univ. Studies in Hist. and Polit. Science*, vol. ii. 432–489.

Clarence Alonzo Cheever.

Demonstrator of Anatomy at the Bussey Institution, 1883–1884.

1. Thoughts on feeding for beef. *New Eng. Farmer*, 30 May, 6 June, 1885.

David Williams Cheever.

Professor of Clinical Surgery, 1875–1882; *Professor of Surgery*, 1882——.

1. Some of the dangers and disadvantages of anaesthesia. A monograph. Boston. 1884. Reprinted from the *Boston Med. and Surg. Journ.*
2–7. *In the Boston Medical and Surgical Journal:* 2. Foreign body in œsophagus; œsophagotomy; death in sixty hours after operation. 23 March, 1882; cvi. 265. — 3. Two cases of successful litholapaxy. *Ibid.*, 273. — 4. Clinical lectures reported for the *Journal*, 21 Dec. 1882; cvii. 577–579; 11 Jan. 1883; cviii. 49–51. — 5. Deep abscess of the thigh, 12 April, 1883; cviii. 343. — 6. See no. 1. — 7. Obituary. William H. Thorndike, M.D., 15 Jan. 1885; cxii. 69.
8. Medical and surgical reports of the Boston City Hospital. 3d series. Edited by Dr. D. W. Cheever, Dr. O. F. Wadsworth, and Dr. A. L. Mason. Boston. 1882. 8°.
9–17. Dr. Cheever wrote the following: 9. Excision of goitre, 130–133. — 10. Aneurism, 134–139. — 11. Cancer of the tonsil; removal of the tumor by external excision, 140–148, *plates* 2. — 12. Neuroma in the formative

trunks of the brachial plexus, 148–151. — 13. Naso-pharyngeal polypus; removed by sawing down and depressing the nose, 151. — 14. Laryngo-tracheotomy for foreign bodies and for tumors, 154–156. — 15. Spina bifida, treated by tapping and injection; fatal result, 156–158. — 16. Excision of the lower end of the rectum, 158. — 17. Ventral rupture through a sinus, 159.

Francis James Child.

Professor of English, 1876——.

1. The English and Scottish popular ballads. Parts i.–iii. Boston. 1882, 1884, 1885. 4°.

John Thomas Codman.

Instructor in Operative Dentistry, 1879–1881.

1. Inflamed and sensitive teeth. Read before the New York Odontological Society, 21 Oct. 1884. *Dental Cosmos*, Jan. 1885, p. 16. Reprinted for distribution.

William Cook.

Assistant Professor of German, 1879–1884.

1. German conversation grammar, being a new and practical method of learning the German language, by Dr. Emil Otto. New edition, revised and in part rewritten by William Cook. New York, *etc.* [1881.] 12°.

Josiah Parsons Cooke.

Erving Professor of Chemistry and Mineralogy, 1850——. *Director of the Chemical Laboratory.*

1. Scientific culture and other essays. New York. 1881. sq. 16°.

2. *The same.* Second edition; with additions. New York. 1885. sq. 16°.

3. Principles of chemical philosophy. Revised edition. [Rewritten.] Boston. 1882. 8°.

4. The Greek question. Remarks made at the dinner of the Harvard Club of Rhode Island, Newport, R. I. Aug. 25, 1883. *Popular Science Monthly*, Nov. 1883; xxiv. 1–6. Also separately "from advance sheets."

5. Further remarks on the Greek question. *Ibid.*, Oct. 1884.

6. The new chemistry. Revised edition. New York. 1884. 12°.

7–18. In the *Proceedings of the American Academy of Arts and Sciences*, which Mr. Cooke edited 1880–1885: 7. William Hallowes Miller. 1881; xvi. 461. — 8. The oxidation of hydrochloric acid solutions of antimony in the atmosphere. 1882; xvii. 1. — 9. On argento-antimonious tartrate (silver emetic). *Ibid.*, 5. — 10. On the solubility of argentic chloride in water. *Ibid.*, 7. — 11. Additional experiments on the atomic weight of antimony. *Ibid.*, 13. — 12. The boiling point of iodide of antimony and a new form of air thermometer. *Ibid.*, 22. — 13. A simple method of correcting the weight of a body for the buoyancy of the atmosphere when the volume is unknown. 1883; xvii. 55. — 14. John Bacon. *Ibid.*, 419. — 15. William Barton Rogers. *Ibid.*, 428. (Also separately: Cambridge. 1883. 8°.) — 16. J. B. A. Dumas. 1884; xix. 545. — 17. C. A. Wurtz. *Ibid.*, 568. — 18. Benjamin Silliman. 1885; xx. 523.

19–21. In the *American Journal of Science*, of which Mr. Cooke was assistant editor, 1880–1885: 19. Notice of Julius Thomsen's Thermo-chemical investigation of the molecular structure of hydrocarbon compounds. Feb. 1881; 3d series, xxi. 88. — 20. Notice of the investigation of Dr. J. W. Brühl on the relations between the molecular structure of organic compounds and their respective power. *Ibid.*, 70. — 21. Possible variability of the law of definite proportions. Oct. 1883; 3d series, xxvi. 310.

22. As Director, Mr. Cooke has prepared the reports on the Chemical Laboratory which have appeared in the annual reports of the President, and has contributed several (see nos. 8–13 above) of the papers which have been published under the general title: *Contributions from the chemical laboratory of Harvard College.* The rest of these papers will be found among the publications of the following gentlemen: C. W. Andrews, H. B. Hill, C. L. Jackson, O. W. Huntington, L. P. Kinnicutt, C. F. Mabery, W. H. Mellville, C. P. Worcester, A. V. E. Young.

Elbridge Gerry Cutler.

Assistant in Pathological Anatomy, 1878–1882; *Clinical Instructor in Auscultation*, 1884——.

1. Articles on diseases of the stomach, the intestines, and the spleen. In the *Supplement* to Ziemssen's *Cyclopaedia of the Practice of Medicine.* New York. 1881. 8°.

2. Percussion outlines. With Dr. G. M. Garland. Boston. 1882. 8°. pp. 65, *plates.*

3. Articles on diseases of the coronary artery, pulmonary, superior mesenteric, inferior mesenteric, and hepatic arteries and of the coeliac axis. In Pepper's *System of Medicine.* Philadelphia. 1885. 8°.

4–11. In the *Boston Medical and Surgical Journal:* 4. Case of fibrous bronchitis. 12 May, 1881. — 5. Measles followed by pleurisy. 27 Oct. 1881. — 6. Oxaluria and the microscopic examination of urinary sediments. 27 April, 1882. — 7. Case of croupous pneumonia occurring in a child with mitral disease. 26 July, 1883; cix. 79. — 8. Protracted lethargy after use of sodium bromide in opium habit. 13 March, 1884; cx. 248. — 9. Double pneumonia in a man with cardiac disease; recovery; pneumonia complicating chronic endocarditis, etc. 13 Nov. 1884; cxi. 469. — 10. Recent progress in pathology and pathological anatomy. 1880–1882. — 11. Occasional reports on special cases illustrative of some point of clinical interest in medicine.

Francis Henry Davenport.

Assistant in Gynaecology, 1881——.

1. Some statistics and observations concerning laceration of the cervix uteri and its treatment. *Boston Med. and Surg. Journ.*, 23 Nov. 1882; cvii. 487.
2. Some observations on Southern California and Colorado. *Ibid.*, 12 June, 1884; cx. 554.
3. Some forms of dysmenorrhoea and their treatment. *Ibid.*, 10 Sept. 1885; cxiii. 249.
4. Semi-annual reports on the progress in gynaecology. *Ibid.*, 1882–1885.

William Morris Davis.

Instructor in Geology, 1878–1885; *Assistant Professor of Physical Geography*, 1885——.

1. The little mountains east of the Catskills. *Appalachia*, 1882; iii. 20–33.
2. Classification of lake basins. *Proc. Boston Soc. Nat. Hist.*, 1882; xxi. 315–381.
3. Glacial erosion. *Ibid.*, 1882; xxii. 19–58.
4. Illustrations of the earth's surface. I. Glaciers. With N. S. Shaler. Boston. 1881. 4°. *Plates.*
5. Brief notice of observations on the triassic trap rocks of Massachusetts, Connecticut, and New Jersey. *Am. Journ. of Science*, 1882; xxiv. 345–349.
6. The structural value of the trap ridges of the Connecticut valley. *Proc. Boston Soc. Nat. Hist.*, 1882; xxii. 116–124.
7. On the relations of the triassic traps and sandstones of the eastern United States. *Bull. Mus. Comp. Zoöl.*, Jan. 1883; vii. 9 (pp. 249–309, *plates* 3).
8. The folded Helderberg limestones east of the Catskills. *Ibid.*, Jan. 1883; viii. 10 (pp. 311–329, *plates* 2).
9. The deflective effect of the earth's rotation. *Van Nostrand's Engineering Mag.*, 1883; xxviii. 297.
10. An early statement of the deflective effect of the earth's rotation. *Science*, 1883; i. 98.
11. The origin of cross valleys. *Ibid.*, i. 325.
12. Becraft's Mountain and the non-conformity at Rondout, N. Y. *Am. Journ. of Science*, 1883; xxvi. 381–395.
13. Whirlwinds, cyclones, and tornadoes. Boston, *etc.* 1884. 16°. Reprinted from *Science*, ii. iii.; originally delivered as lectures at the Lowell Institute.
14. Meteorological charts of the North Atlantic. *Science*, 1884; iii. 593–597, 654–657.
15. The winds and currents of the equatorial Atlantic. *Am. Meteorol. Journ.*, June, 1884; i. 48–56.
16. The relation of tornadoes to cyclones. *Ibid.*, Aug. 1884; i. 121–127.
17. Gorges and waterfalls. *Am. Journ. of Science*, 1884; xxviii. 123–132.
18. Geographic classification, illustrated by a study of plains, plateaus, and their derivatives. *Proc. Am. Assoc. for the advancement of Science*, 1884; xxxiii.
19. Drumlins. *Science*, 1884; iv. 418–420.
20. On the origin of drumlins. *Am. Journ. of Science*, 1884; xxviii. 407–416.
21. The cold island in Michigan. *Am. Meteorol. Journ.*, May, 1885; ii. 14–18.
22. Temperature diagrams. *Ibid.*, Aug. 1885; ii. 169–175.
23. The deflective effect of the earth's rotation. *Ibid*, April, 1885; i. 516–524.
24. Irrigation in India and in the United States. *American*, 20 June, 1885.
25. Tornadoes and tornado action. *Ibid.*, 5 Sept. 1885.

Francis Winthrop Dean.

Tutor in Surveying and Drawing, 1875–1881; *Tutor in Engineering*, 1881–1882.

1. Locomotive of the future. *The Engineer*, 14 Jan. 1881; li.
2. English locomotives. *Railroad Gazette.* 10 June, 1881; xiii., *illustr.*
3. Improvements in locomotives with reference to efficiency and style of finish. Paper read before the American Railway Master Mechanics' Association at the Chicago meeting, 19–21 June, 1883, and given in their *Report of Proceedings.* Cincinnati. 1883, *illustr.*
4. The theory of the stresses in locomotive driving wheel coupling rods. Paper read before the American Railway Master Mechanics' Association at the Long Branch meeting, 17–19 June, 1884, and given in their *Report of Proceedings.* Cincinnati. 1884.

Frank Winthrop Draper.

Lecturer on Forensic Medicine, 1875–1884; *Assistant Professor of Legal Medicine*, 1884——.

1. On medical expert testimony. *Boston Med. and Surg. Journ.*, 4 Nov. 1880; ciii. 442. [Reprinted in pamphlet form.]
2. A synopsis of fifty medico-legal autopsies. *Medical and Surgical Reports of the City Hospital of Boston*, 3d ser., 1882, p. 81.
3. On sudden death by the entrance of air into the uterine veins. *Boston Med. and Surg. Journ.*, 4 Jan. 1883; cviii. 3. [Reprinted in pamphlet form.]
4. Medical evidence and the medical witness: A lecture delivered at the Harvard Medical School. *Boston Med. and Surg. Journ.*, 26 July, 2 Aug. 1883; cix. 73, 97.
5. Cases of rupture of the liver. *Ibid.*, 10 April, 1884; cx. 339.
6. A case of homicide by a wound of the vulva. *Trans. of Mass. Medico-Legal Soc.*, 1884; i. 309.
7. On ventilation and warming: A lecture delivered 14 Feb. 1885, before the teachers of Boston public schools, under the auspices of the Mass. Emergency and Hygiene Association. (Published in *Six Lectures upon School Hygiene*, etc. Boston. Ginn & Co. 1885. p. 33.)

Charles Franklin Dunbar.

Professor of Political Economy, 1871——. *Dean of the College Faculty*, 1876–1882.

1. Extracts from the laws of the United States relating to currency and finance. New and enlarged edition. Cambridge. 1885. 8°.
2. Obituary notice of Henry Charles Carey. *Proc. Am. Acad.*, 1882; xvii. 417.
3. Reports as Dean of the College faculty. *Annual reports of the President*, 1876–1882.

Thomas Dwight.

Instructor in Histology, 1874–1883; *Instructor in Topographical Anatomy*, 1880–1883; *Parkman Professor of Anatomy*, 1883——.

1. Frozen sections of a child. New York. 1881. sm. f°. pp. 66, *plates*.
2. The disappearance of tumors. Read before the Boston Society for Medical Observation, 1 Nov. 1880. *Boston Med. and Surg. Journ.*, 9 Dec. 1880.
3. Frozen sections of heads. Unwritten communication before the Boston Society for Medical Improvement, 9 May, 1881. *Ibid.*, 19 May, 1881.
4. The sternum as an index of age and sex. *Journ. of Anat. and Physiol.*, 1881; xv.
5. Frozen sections through a thorax with pleuritic effusion. Suffolk District Medical Society, 21 Jan. 1882. *Boston Med. and Surg. Journ.*, 23 Feb. 1882.
6. A new demonstration of the cavities of the mouth, nose, and pharynx. Read before the Suffolk District Medical Society, 16 May, 1883. *Ibid.*, 13 Sept. 1883.
7. A new demonstration of the axilla: A lecture in the course of topographical anatomy delivered at the Harvard Medical School, 27 March, 1884. *Ibid.*, 29 May, 1884.
8. The movements of the ulna in rotation of the forearm. *Journ. of Anat. and Physiol.*, Jan. 1885.
9. Some points in the physiology and pathology of the neck and chest, shown by frozen sections. Unwritten communication before the Boston Society for Medical Improvement, 11 May, 1885. *Boston Med. and Surg. Journ.*, 28 May, 1885.
10. The necessity of admitting a vital principle. Read before the Boston Society of the Medical Sciences, 28 April, 1885. *Ibid.*, 4 June, 1885.
11. Rotation and circumduction. *Journ. of Anat. and Physiol.*, July, 1885.
12. Anatomy at the Harvard Medical School. (A letter in reply to an article by Dr. Monks.) *Boston Med. and Surg. Journ.*, 6 Aug. 1885.
13. The question of a vital principle. (A reply to criticisms by Dr. Morton Prince.) *Ibid.*, 24 Sept. 1885.
14. Modern methods in anatomy. An address before the Massachusetts Medical Society at the annual meeting, 10 June, 1885. Short report in *Boston Med. and Surg. Journ.*, 19 June, 1885.
15. Semi-annual reports on recent progress in anatomy, which have appeared regularly in *Boston Med. and Surg. Journ.*
16. Reviews of anatomical works in the same journal.

Louis Dyer.

Tutor in Greek, 1878–1881; *Assistant Professor of Greek and Latin*, 1881——.

1. Notice of the Harvard Greek play. *Harper's Weekly*, 28 May, 1881. *Illustr.*
2. Conspectus of the Nichomachean ethics of Aristotle. Privately printed. [1882–1883.]
3. The Greek question and answer. A paper read before the Harvard Club of Rhode Island in Providence, 25 Feb. 1884. Boston, J. R. Osgood & Co. 1884. 4°.
4. Plato's Apology and Crito with introduction and notes. An edition based upon that of Crou. Boston. 1885. sq. 16°. (College series of Greek authors. Edited by Professors J. W. White and T. D. Seymour.)

Robert Thaxter Edes.

Professor of Materia Medica, 1875–1884; *Jackson Professor of Clinical Medicine*, 1884——.

1. Therapeutic handbook of the United States pharmacopœia. New York. 1883.
2. Symptoms of Bright's disease. *Boston Med. and Surg. Journ.*, cii. 601; ciii. 1.
3. High pressure education. *Ibid.*, cvi. 220, and *Boston City Hospital Reports*, 3d series, 1882, pp. 179–189. Also reprinted.
4. Connection of cardiac and renal disease. *Ibid.*, civ. 457, 467.
5. Cases of various kinds. *Ibid.*, ciii. civ. cv. cvi.
6. Clinical lecture on myxoedema. *Ibid.*, 1884; cx. 385.
7. Chronic interstitial nephritis. *Medical News* (Phila.), 14 March, 1885, p. 281.
8. Some non-valvular diseases of the heart. *Boston Med. and Surg. Journ.*, 21 May, 1885; cxiii. 493.
9. Excretion of phosphoric acid by the kidneys as affected by mental labor. *Arch. of Medicine*, x. no. 1.
10. Therapeutic evidence. *Therapeutic Gazette*, 16 Feb. 1885, p. 90.

John Rayner Edmands.

Assistant in Observatory in charge of Time Service, 1883——.

1. Geodetic formulae. [Second paper.] *Appalachia*, Dec. 1881; ii. 351.
2. The mountains between Saco and Swift Rivers. [With map.] *Ibid.*, June, 1882; iii. 57.
3. Report of the committee on standard time (Wolcott Gibbs, Francis A. Walker, and J. Rayner Edmands). *Proc. Am. Acad.*, xix. 473.

Charles William Eliot.

President of the University, 1869——.

1. Annual reports of the President of Harvard College, 1880–81—1884–85. 5 vols. Cambridge. 1882–86. 8°.
2. The constituency of the board of Overseers. *Harvard Register*, 1881; iii. 292.
3. The elective system in education. *Our Continent*, 22 Feb. 1882; i. 24.
4. The teacher's conscience. Chicago. 1882. 16°.
5. On the education of ministers. *Princeton Review*, May, 1883.
6. What is a liberal education? *Century*, June, 1884.
7. A plan of studies for the Chelsea high school. *Report of the Superintendent of Schools for* 1884. Chelsea. 1884. 8°.
8. Present relations of Massachusetts High Schools to Massachusetts Colleges. *Journ. of Education*, 8 Jan. 1885.

Calvin Ellis.

Jackson Professor of Clinical Medicine, 1867–1883. *Dean of the Medical Faculty*, 1869–1883.

1. Reports as Dean of the Medical faculty. *Annual reports of the President*, 1880–1881—1881–1882.

Memorials of Dr. Calvin Ellis, M.D., late Jackson professor of clinical medicine at the Medical School of Harvard University. [By H. I. Bowditch. With a list of Dr. Ellis's publications.] Cambridge. 1884. 8°. pp. 14. From *Proc. Am. Acad.*

Ephraim Emerton.

Instructor in History, 1876–1882; *Winn Professor of Ecclesiastical History*, 1882——.

1. The study of church history. Inaugural address as Winn Professor of Ecclesiastical History. *Unitarian Review*, Jan. 1883; xix. 1–18.
2. Martin Luther. *Ibid.*, Nov. 1883; xx. 435–455.
3. The historical seminary in American teaching. *Methods of Teaching History*. Edited by G. Stanley Hall. Boston. 1883. 8°. pp. 191–200.
4. The practical method in higher historical instruction. *Methods of Teaching History*, edited by G. Stanley Hall. 2d edition, entirely recast and rewritten. Boston. 1885. 8°. pp. 31–60.

Henry Lawrence Eustis.

Professor of Engineering, 1849–1885. *Dean of the Scientific Faculty*, 1871–1885.

1. The Lawrence Scientific School. *Harvard Register*. July, 1881; iii. 375–378.
2. Reports as Dean of the Lawrence Scientific School. *Annual reports of the President*, 1880–1881—1883–1884.

Charles Carroll Everett.

Bussey Professor of Theology, 1869——. *Dean of the Divinity School*, 1878——.

1. The Harvard Divinity School. *Harvard Register*, Jan. 1881; iii. 18.
2. Review of Mr. Savage's "Belief in God." *Unitarian Review*, June, 1881; xv. 550–556.
3. Review of Prof. Diman's "The theistic argument as affected by recent theories." *Ibid.*, Nov. 1881; xvi. 447–457.
4. Recent studies in Buddhism. *Ibid.*, Nov. 1882; xviii. 421–436.
5. Religions before Christianity. Manual for Sunday schools. Boston. 1883.
6. Fichte's Science of knowledge. A critical exposition. Chicago. 1884. 16°.
7. Dorner and "the new theology." *Unitarian Review*, Jan. 1885; xxiii. 1–19.
8. George Eliot. *Andover Review*, June, 1885; iii. 519.
9. Reports as Dean of the Divinity School. *Annual reports of the President*, 1880–1881—1883–1884.

William Gilson Farlow.

Professor of Cryptogamic Botany, 1879——.

1. The Gymnosporangia or cedar apples of the United States. *Anniversary Memoirs Boston Soc. Nat. Hist.*, 1880, pp. 38, *plates* 2.
2. Notes on Gymnosporangia. *Bull. Torrey Bot. Club*, Aug. 1881; viii. 85.
3. The marine Algae of New England. *U. S. Comm. of Fish and Fisheries Rept. for* 1879. Washington. 1882. pp. 1–210, *plates* 15.
4. American grape mildew in Europe. *Botanical Gazette*, March, 1882, 30–31.
5. Notes on New England Algae. *Bull. Torrey Bot. Club*, May, 1882, pp. 65–68.
6. Notes on some species in the 3d and 11th centuries of Ellis's North American fungi. *Proc. Am. Acad.*, May, 1883; xviii. 65–85.
7. Notes on some Ustilagineae of the United States with additional note. *Botanical Gazette*, Aug. 1883, pp. 1–7, 318.
8. Enumeration of the Peronosporeæ of the United States. *Ibid.*, Oct. 1883, pp. 305–337.
9. Notes on a fungus parasite on species of Potamogeton. *Rept. Ottowa Field Naturalists' Club*. Trans., ii. 1883.
10. On Phallus togatus Kalch. *Botanical Gazette*, July, 1883.
11. Maladies des morues sèches. *Revue Mycologique*, 1884.
12. The cryptogamic flora of the White Mountains. *Appalachia*, 1884; iii. 232–251.
13. Additions to the Peronosporeæ of the United States. *Botanical Gazette*, March, 1884, pp. 37–40.
14. Notes on some species of Gymnosporangium and Chrysomyxa of the United States. *Proc. Am. Acad.*, Feb. 1885; xx. 311–323.

15. The Synchytria of the United States. *Botanical Gazette*, March, 1885, pp. 235–245, *plate* 1.

16. An account of the progress of botany for 1879–80—1882–83. *Smithsonian Repts.*, 1881–84.

Walter Faxon.

Instructor in Zoölogy, 1877–1881; *Assistant Professor of Zoölogy*, 1881——.

1. On some points in the structure of the embryonic Zoëa. [Studies from the Newport marine zoöl. lab., VIII.] *Bull. Mus. Comp. Zoöl.*, Oct. 1880; vi. 10, *plates* 2.

2. On some crustacean deformities. *Ibid.*, March, 1881; viii. 13, *plates* 2.

3. Bibliography to accompany "Selections from embryological monographs." i. Crustacea. *Ibid.*, March, 1882; ix. 6.

4. Selections from embryological monographs. i. Crustacea. *Mem. Mus. Comp. Zoöl.*, July, 1882; ix. 1, *plates* 14.

5. The metamorphosis of Peneus. *American Naturalist*, 1883; xvii. 554.

6. On the so-called dimorphism in the genus Cambarus. *Am. Journ. of Science*, Jan. 1884; xxvii. 42, and *Annals and Magazine of Natural History*, Feb. 1884; 5th series, xiii. 147.

7. Descriptions of new species of Cambarus; to which is added a synonymical list of the known species of Cambarus and Astacus. *Proc. of the Am. Acad.*, 1884; xx. 107.

8. A revision of the Astacidæ. Pt. i. The genera Cambarus and Astacus. *Mem. Mus. of Comp. Zoöl.*, Aug. 1885; x. 4, *plates* 10.

9. Preliminary catalogue of the crayfishes of Kansas. *Bull. Washburn Coll. Laboratory Nat. Hist.*, i. Topeka. 1885.

10. A list of the Astacidæ in the United States National Museum. *Proc. U. S. National Mus.*, 2 Sept. 1885; viii. 356.

11. Reports on the Crustacea in the Museum of Comparative Zoölogy. 1880–1881—1884–1885. *Annual reports of the Curator.*

Jesse Walter Fewkes.

Assistant at the Museum of Comparative Zoölogy, in charge of Radiates, 1880——.

1. Sketches of a few jelly-fishes. A lecture before the Newton Natural History Society. Reprinted from *Newton Republican*. Newton. 1881. 8°.

2. Development of the pluteus of Arbacia. [Studies from the Newport marine zoöl. lab. X.] *Mem. Peabody Acad. of Science*. Salem. 1881. i. 6, pp. 1–10, *plate* 1.

3. Studies of the jelly-fishes of Narragansett Bay. [Studies from the Newport marine zoöl. lab. IX.] *Bull. Mus. Comp. Zoöl.*, Feb. 1881; viii. 8.

4. Report of the results of dredging by the U. S. C. S. Str. "Blake." XI. Report on the Acalephæ. *Bull. Mus. Comp. Zoöl.*, March, 1881; viii. 7.

5. The Newton High School. *Harvard Register*, March, 1881; iii. 139–143.

6. Notes on Acalephs from the Tortugas, with a description of new genera and species. [Explorations of the surface fauna of the Gulf Stream under the auspices of the U. S. Coast Survey. By Alexander Agassiz. I.] *Bull. Mus. Comp. Zoöl.*, April, 1882; ix. 7.

7. On the Acalephæ of the east coast of New England. [Studies from the Newport marine zoöl. lab. XI.] *Ibid.*, 1882; ix. 8.

8. On a few Medusæ from the Bermudas. [Exploration of the surface fauna of the Gulf Stream under the auspices of the U. S. Coast Survey. By Alexander Agassiz. IV.] *Bull. Mus. Comp. Zoöl.*, Aug. 1883; xi. 3.

9. On the development of certain worm larvæ. [Studies from the Newport marine zoöl. lab. XIII.] *Ibid.*, Dec. 1883; xi. 9.

10. On the study of the fauna found on the ocean surface. *Progress of Science*, pp. 186–182.

11. On the provisional tentacles of Actinotrocha and Prionospio. *Science Record*, 1884; pp. 145–149, *figs.* 28–31.

12. Genera of Pteropoda from Narragansett Bay. *Random Notes on Natural History*, 1884; ii. 3.

13. Ducks transporting clams. *Auk*, 1884; i. 195.

14. Do crows carry objects in their claws? *Ibid.*, 1884; ii. 92.

15. Selections from embryological monographs. III. Acalephs. *Mem. Mus. Comp. Zoöl.*, 1884; ix.

16. Bibliography to accompany the above. *Bull. Mus. Comp. Zoöl.*, July, 1884; xi. 10.

17. Articles on Discophora, Siphonophora, Actinozoa, Coral Islands, in the *Standard Natural History*, ed. by J. S. Kingsley, vol. i. Boston. 1885. 8°. pp. 89–134.

18. Notice of Hydrozoa. *Report of Internat. Polar Exped. to Pt. Barrow*, Alaska. Washington. 1885. 4°. pp. 163–165.

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Professor of Operative Dentistry, 1883——.

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Charles Follen Folsom.

Lecturer on Mental Diseases, 1877–1882; *Assistant Professor of Mental Diseases*, 1882–1885.

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Lester Sackett Ford.

Demonstrator of Zoölogy at the Bussey Institute, 1880–1882.

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William Whitworth Gannett.

Assistant in Pathological Anatomy, 1882; *Clinical Instructor in Auscultation*, 1884——.

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George Minot Garland.

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Samuel Garman.

Assistant in Herpetology and Ichthyology, 1878——.

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Lewis Edwards Gates.

Assistant in Forensics, 1884–1885; *Instructor in Forensics*, 1885——.

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Rumford Professor and Lecturer on the application of Science to the Useful Arts, 1863——.

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Professor of Botany, 1878——. *Director of the Botanic Garden*, 1879——.

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Eliot Professor of Greek Literature, 1860——.

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Tutor in Latin, 1878–1881.

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George Franklin Grant.

Demonstrator of Mechanical Dentistry, 1874–1884; *Instructor in treatment for Cleft Palate and Cognate Diseases*, 1884——.

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Asa Gray.

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John Chipman Gray.

Story Professor of Law, 1875–1883; *Royall Professor of Law*, 1883——.

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Charles Montraville Green.

Assistant in Obstetrics, 1883–1885; *Instructor in Obstetrics*, 1885——.

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Francis Boott Greenough.

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James Bradstreet Greenough.

Assistant Professor of Latin, 1873–1883; *Professor of Latin*, 1883——.

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Professor of Entomology, 1870——.

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Edwin Herbert Hall.

Instructor in Physics, 1881——.

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3. On the rotation of the equipotential lines of an electric current by magnetic action. *Ibid.*, Feb. 1885; 3d series, xxix. 117.

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Granville Stanley Hall.

University Lecturer on Pedagogy and on contemporary German Philosophy, 1880–1881; *University Lecturer on Pedagogy*, 1881–1883.

1. Aspects of German culture. Boston. 1881. 12°. pp. 320.

2. American and German methods of teaching. *Harvard Register*, June, 1881; iii. 319–322.

3. The moral and religious education of children. *Princeton Review*, Jan. 1881.

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7. Chairs of pedagogy in universities. *Proc. National Assoc. of Superintendents of Education*. Washington. 1882.

8. Methods of teaching history. Edited by G. Stanley Hall [with introduction]. Boston. 1883. 12°.

9. The contents of children's minds. *Princeton Review*, May, 1883.

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Charles Edward Hamlin.

Assistant in Conchology and Palaeontology, 1877–1885.

1. The collection of mollusca. *Harvard Register*, June, 1881; iii. 330–332.
2. Observations upon the physical geography and geology of Mount Ktaadn and the adjacent district. *Bull. Mus. Comp. Zoöl.*, June, 1881; vi. 5.
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5. Reports on natural history. *Appalachia*, iii. 168, 282, 377; iv. 64.
6. Report on the conchological and palaeontological departments of the Museum of Comparative Zoölogy. *Annual reports of the Curator*, 1880–1881—1884–1885.

Francis Augustine Harris.

Demonstrator of Medico-Legal Examinations, 1881——.

1. A case of abortion with acquittal. [Abstr.] *Boston Med. and Surg. Journ.*, 1881; civ. 346–350.
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Albert Bushnell Hart.

Instructor in American History, 1883——.

1. Analysis and references to History 13. (Outline of the course in history of the United States for 1883–84.) [Printed.] Cambridge. 1883–84. 12°.
2. Outline of the course in constitutional and political history of the United States, given at Harvard College in the academic year 1884–85. [Printed.] Cambridge. 1884–85. 12°.
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George Trumbull Hartshorn.

Assistant in Organic Chemistry, 1883–1884.

1. Certain parabrombenzyl compounds. With C. L. Jackson. *Proc. Am. Acad.*, 1883; xviii. 86. Also *Am. Chem. Journ.*
2. Ueber einige Furfuranderivate. With H. B. Hill. *Berichte d. deutsch. chem. Gesellsch.*, 1885; p. 448.
3. On the action of chromic superfluoride on benzoic acid. With C. L. Jackson. *Ibid.*, 1885; xxi. 187. Also *Berichte d. deutsch. chem. Gesellsch.*, 1885; p. 1993.

These papers belong to the series: *Contributions from the chemical laboratory of Harvard College.*

Frederic Henry Hedge.

Professor of German, 1872–1881.

1. Ghost seeing. *North Am. Review*, Sept. 1881; cxxxiii. 286–301.
2. Ethical systems. *Ibid.*, April, 1883; cxxxvi. 375–388.
3. Luther and his work. Read before the Mass. Historical Society, 10 Nov. 1883. *Atlantic Monthly*, Dec. 1883; lii. 805.
4. Atheism in philosophy, and other essays. Boston. 1884. 8°.

5–10. In the *Unitarian Review*: 5. The philosophy of fetishism. March, 1881; xv. 193–203. — 6. The church in modern society. A sermon preached at the installation of Rev. E. H. Hall, Cambridge, 30 March, 1882. Sept. 1882; xviii. 263–273. — 7. The steps of beauty. Dec. 1883; xviii. 481–493.—8. Christianity in conflict with Hellenism. Jan. 1884; xxi. 1–22. — 9. Allen's "Christian History." April, 1884; xxi. 339–343. — 10. Froude's Carlyle. Feb. 1885; xxii. 118–134.

Adams Sherman Hill.

Boylston Professor of Rhetoric and Oratory, 1876——.

1. The principles of rhetoric and their application. [Printed with raised letters for the use of the blind.] Louisville, Ky. 1881. 4°.
2. English in the pulpit. A lecture delivered at the Divinity School. *Christian Register*, 19, 26 June, 3 July, 1884.
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Henry Barker Hill.

Assistant Professor of Chemistry, 1874–1884; *Professor of Chemistry*, 1884——.

*** These papers belong to the series: *Contributions from the chemical laboratory of Harvard College.*

1. On the ethers of uric acid. With C. F. Mabery. *Am. Chem. Journ.*, Nov. 1880; ii. 305.
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3. Ueber Dibromacrylsäure. With C. W. Andrews. *Berichte d. deutsch chem. Gesellsch.* 1881; xiv. 1676.
4. Ueber einige tetrasubstituirte Propionsäuren. With C. F. Mabery. *Ibid.*, 1881; xiv. 1679.
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6. Ueber die Einwirkung von salpetrigsaurem Kali auf die Mucobromsäure. With C. R. Sanger. *Ibid.*, 1882; xv. 1906.

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William Barker Hills.

Instructor in Chemistry, 1874–1884; *Assistant Professor of Chemistry*, 1884——.

1–6. In *Wood's Handbook of the medical sciences*, edited by A. H. Buck, M.D., vol. i. New York. 1885: 1. Poisoning by aniline, p. 232. — 2. Poisoning by antimony, p. 245. — 3. Poisoning by arsenic, p. 344. — 4. Poisoning by arseniuretted hydrogen, p. 346. — 5. Poisoning by bismuth, p. 504. — 6. Poisoning by cadmium, p. 732.

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Oliver Wendell Holmes.

Parkman Professor of Anatomy, 1847–1882; *Emeritus*, 1882——.

1. The iron gate and other poems. Boston, etc. 1880. 16°.

2. Poetical works. 2 vols. Boston, etc. 1881. 24°.

3. The pulpit and the pew. *North Am. Review*, Feb. 1881; cxxxiv. 117–138.

4. Poem read at the centennial anniversary dinner of the Mass. Medical Society, 8 June, 1881. *Boston Med. and Surg. Journ.*, 23 June, 1881; civ. 577–580.

5. Address and poem at the Centennial celebration of the American Academy of Arts and Sciences, held at Boston, 26 May, 1880. *Mem. Am. Acad.* XI. (Centennial vol.), pt. 1. Cambridge. 1882. pp. 11–13.

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8. Farewell address to the Medical School of Harvard University, Tuesday, 28 Nov. 1882. Cambridge. 1882. 8°. pp. 24. Also *Boston Med. and Surg. Journ.*, 7 Dec. 1882; cvii. 529–534.

9. Address at the one hundredth anniversary of the foundation of the Medical School of Harvard University. Boston. 1883. 8°. pp. 35.

Also under the title "The new century and the new building of the Medical School of Harvard University," in the *Boston Med. and Surg. Journ.*, 18 Oct. 1883; cix. 361–368.

10. Pages from an old volume of life. A collection of essays. 1857–1881. Boston, etc. 1883. 8°.

11. Medical essays, 1842–1882. 2d edition. Boston, etc. 1883. 8°.

12. Grandmother's story of Bunker Hill. Illustrated by H. W. McVickar. Boston. 1883. sq. 8°.

13. The autocrat of the breakfast-table. New and revised edition with illustrative notes. Boston, etc. 1883. 8°. *Port.*

14. The professor at the breakfast-table. New edition, with new preface. Boston, etc. 1883. 12°.

15. The poet at the breakfast-table. [New edition.] Boston, etc. 1883. 8°. *Front.*

16. Elsie Venner. New edition [with new preface]. Boston, etc. 1883. 8°.

17. The guardian angel. New edition, revised. Boston, etc. 1883. 12°.

18. Illustrated poems. Boston, etc. 1885. l. 8°.

19. Ralph Waldo Emerson. Boston, etc. 1885. 16°.

20. A mortal antipathy. First opening of the new portfolio. Boston, etc. 1885. 8°.

Orighally appeared under the title "The new portfolio" in the *Atlantic Monthly*, 1885.

21. A welcome to Dr. Benjamin Apthorp Gould, on his return from South America, after fifteen years devoted to cataloguing the stars of the southern hemisphere.

A poem read at the dinner in honor of Dr. Gould given at the Hotel Vendome, Boston, 6 May, 1885, and published in *Addresses at the complimentary dinner*, etc. Lynn. 1885. 8°. p. 22. Also separately.

22–34. In the *Atlantic Monthly*: 22. Benjamin Peirce: astronomer, mathematician. 1809–1880. (Poem.) Dec. 1880; xlvi. 823. — 23. Boston to Florence. (Sonnet.) Sent to "The Philological Circle" of Florence, for its meeting in commemoration of Dante, 27 January 1881, anniversary of his first condemnation. March, 1881; xlvii. 412. — 24. Post-prandial. Phi Beta Kappa, 1881. (Poem.) Sept. 1881; xlviii. 365. — 25. Before the curfew. 1829–1882. (Poem.) March, 1882; xlix. 386. — 26. Our dead singer. (Poem.) June, 1882; xlix. 721. — 27. At the summit. (Poem.) Aug. 1882; l. 164. — 28. An after-breakfast talk. Jan.

1883; li. 65–75. — 29. A loving-cup song. 1829–1883. March, 1883; li. 349. — 30. Pillow-smoothing authors. With a prelude on night-caps, and comments on an old author. April, 1883; li. 457–464. — 31. The flaneur. Boston Common, 6 December, 1882. During the transit of Venus. (Poem.) May, 1883; li. 674–677. — 32. King's Chapel. (Poem.) Sept. 1883; lii. 322. — 33. Ave. Prelude to "Illustrated poems" [no. 17]. Oct. 1884; liv. 456. — 34. Thomas Gold Appleton. June, 1884; liii. 848–850.

John Homans.

Clinical Instructor in the Diagnosis and Treatment of Ovarian Tumors, 1881——.

1–17. In the *Boston Medical and Surgical Journal:* 1. A year's work in ovariotomy. 20 Jan. 1881; civ. 50–62. — 2. Ovariotomy. 21 April, 1881; civ. 374. — 3. Thirty-two consecutive cases of ovariotomy during the year 1881. 19 Jan. 1882; cvi. 73. — 4. A case of Listerian ovariotomy in which the bladder was freely laid open, uninterrupted recovery. 16 Feb. 1882; cvi. 153–160. — 5. One hundred cases of antiseptic ovariotomy. 2 Nov. 1882; cvii. 413. — 6. Two cases of removal of immense fatty tumors by abdominal section. 11 Jan. and 8 March, 1883; cviii. Also *Lancet* (London), 17 March, 1883; p. 449. — 7. A case of two-horned uterus (uterus-bicornis). 8 Nov. 1883; cix. 236–246. Also *Lancet* (London), 3 Nov. 1883; p. 767. — 8. Myxosarcoma of the left kidney. 13 Dec. 1883; cix. 567. — 9. The operation of ovariotomy. 3 April, 1884; cx. 337. — 10. Two cases of abdominal section to discover the cause of intestinal obstruction. 7 and 14 Feb. 1884; cx. 145, 156. — 11. Nephrectomy for the removal of cancerous or sarcomatous tumours of the kidney. 17 Jan. 1884; cx. 73. — 12. Four cases of strangulated hernia. 1 May, 1884; cx. 416. — 13. Exploratory abdominal incisions. 1 and 8 Jan. 1885; cxii. 10, 25. — 14. Unilocular ovarian cyst. 12 Feb. 1885; cxii. 158. — 15. Spray in ovariotomy. 26 Feb. 1885; cxii. 213. — 16. Ten cases of removal of uterine tumours by laparotomy. 26 March and 2 April, 1885; cxii. 313, 318. — 17. Fibroid tumour of the ovary weighing twenty-two pounds. Lipoma of thigh weighing twelve pounds. Sarcoma of leg. 14 May, 1885; cxii. 476.

Oliver Whipple Huntington.

Assistant in Chemistry, 1882–1884; *Instructor in Mineralogy*, 1884——.

1. On the spectrum of arsenic. *Proc. Am. Acad.*, 1881; xvii. 35. Also *Am. Journ. of Science*, 1881; 3d series, xxi. 214.
2. Revision of the atomic weight of cadmium. *Ibid.*, 1882; xvii. 28.
3. On the crystalline form of chlordibromacrylic acid, $C_3ClBr_2O_2H_2$. *Ibid.*, 1883; xviii. 282.
4. Logarithms of numbers to five places of decimals. Cambridge. 1883. l. 8°.
5. Crystallographic notes. *Proc. Am. Acad.*, 1885; xxi. 222.

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Charles Loring Jackson.

Assistant Professor of Chemistry, 1871–1881; *Professor of Chemistry*, 1881——.

1. On paraiodbenzyl compounds. With C. F. Mabery. *Am. Chem. Journ.*, Oct. 1880; ii. 250.
2. Synthesis of anthracene and phenanthrene from orthobrombenzylbromide. With J. F. White. (Researches on the substituted benzyl compounds. IX.) *Proc. Am. Acad.*, 1881; xvi. 63–77.
3. The relative chemical activity of certain substituted benzylbromides. (Researches on the substituted benzyl compounds. X.) *Ibid.*, 241. Also *Am. Chem. Journ.*, iii. 252.
4. Researches on certain substituted benzyl compounds. XI. *Ibid.*, 1881; xvi. 252. Also *Am. Chem. Journ.*, iii. 246.
5. Ueber Curcumin. *Berichte d. deutsch. chem. Gesellsch.*, 1881; p. 485.
6. On curcumin. With A. E. Menke. (On certain substances obtained from turmeric. I.) *Proc. Am, Acad.*, 1882; xvii. 110. Also *Am. Chem. Journ.*, iv. 77.
7. On curcumin. With A. E. Menke. (On certain substances obtained from turmeric. II.) *Ibid.*, 1883; xviii. 1. Also *Am. Chem. Journ.*, iv. 360.
8. On turmerol. With A. E. Menke. (On certain substances obtained from turmeric. III.) *Ibid.*, 1883; xviii. 8. Also *Am. Chem. Journ.*, iv. 368.
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10. A new method of preparing borneol from camphor. With A. E. Menke. *Ibid.*, 1883; xviii. 93. Also *Am. Chem. Journ.*
11. On curcumin. With A. E. Menke. (On certain substances obtained from turmeric. IV.) *Ibid.*, 1884; xix. 211. Also *Am. Chem. Journ.*
12. On turmerol. With A. E. Menke. (On certain substances obtained from turmeric. [V.]) *Ibid.*, 1884; xix. 215. Also *Am. Chem. Journ.*
13. On the action of phosphorous trichloride on aniline. With A. E. Menke. *Am. Chem. Journ.*, iv. 380.
14. On the action of phosphorous trichloride on aniline. With A. E. Menke. *Proc. Am. Acad.*, 1884; xix. 222.
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16. On the action of chromic superfluoride on benzoic acid. With G. T. Hartshorn. *Proc. Am. Acad.*, 1885; xxi. 187. Also *Berichte d. deutsch. chem. Gesellsch.*, 1885; p. 1993.
17. Laboratory experiments in Chemistry I. Cambridge. 1885.

Nos. 1–16 belong to the series: *Contributions from the chemical laboratory of Harvard College.*

Adrien Jacquinot.

Assistant Professor of French, 1876–1883.

1. L'Université Harvard. *Revue Internationale de l'Enseignement*, 1881–1884; i. 50; ii. 23, 224, 319; iv. 530; vii. 262.

2. An historical sketch of Harvard University. Translated by Henry Norman. *Harvard Register*, 1881; iii. 385.

Translation of the first article of the above series. Also printed separately.

William James.

Assistant Professor of Physiology, 1876–1880; *Assistant Professor of Philosophy*, 1880–1885; *Professor of Philosophy*, 1885——.

1. Great men, great thoughts, and the environment. *Atlantic Monthly*, Oct. 1880.
2. Reflex action and theism. *Unitarian Review*, Nov. 1881.
3. On some Hegelisms. *Mind*, April, 1882.
4. Rationality, activity, and faith. *Princeton Review*, July, 1882.
5. The sense of dizziness in deaf mutes. *Am. Journal of Otology*, Oct. 1882.
6. On some omissions of introspective psychology. *Mind*, Jan. 1884.
7. What is an emotion? *Ibid*, April, 1884.
8. Absolutism and empiricism. *Ibid.*, April, 1884.
9. The dilemma of determinism. *Unitarian Review*, Sept. 1884.
10. On the function of cognition. *Mind*, Jan. 1885.
11. The literary remains of Henry James. Edited with an introduction by William James. Boston. 1885. 8°.

Leonard Parker Kinnicutt.

Assistant in Chemistry, 1880–1883.

1. On indirect determination of chlorine and bromine by electrolysis. *Am. Chem. Journ.*, 1882; iv. 22. Also *Proc. Am. Acad.*, 1882; xvii. 91.
2. The decomposition of phenyltribrompropionic acids by water. *Ibid.*, 1882; iv. 24.
3. Modification of Noack's method of preparing carbon monoxide. *Ibid.*, 1883; v. 43.
4. Volumetric determination of combined nitrous acid. With J. U. Nef. *Ibid.*, 1883; v. 388. Also *Proc. Am. Acad.*, 1883; xviii. 275.
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6. Meteoric iron from the altar mounds in the little Miami valley, Ohio. *17th report of the Peabody Museum*, 1884; p. 381.

Nos. 4 and 5 belong to the series: *Contributions from the chemical laboratory of Harvard College.*

Frederick Irving Knight.

Instructor in Laryngology, 1872–1882; *Assistant Professor of Laryngology*, 1882——.

1. On the treatment of posterior hypertrophy of the inferior turbinated bones. *Phil. Med. News*, 1882; xl. 66.
2. Opening address at the first annual meeting of the American Climatological Association at Washington, D.C. *New York Med. Journ.*, 28 June, 1884.

3–10. In the *Archives of Laryngology*, of which Dr. Knight was associate editor, 1880–1883: 3. Three cases of lupus of the pharynx and larynx. July, 1881. — 4. Review of Bosworth on "Diseases of the throat and nose." *Ibid.* — 5. Address, as President, at the fourth annual congress of the American Laryngological Association. July, 1882. — 6. Case of aphonia spastica. *Ibid.* — 7. Case of rheumatic (?) paralysis of the right vocal cord; gradual complete recovery; followed nine years later by rheumatic (?) paralysis of the left vocal cord, also with gradual complete recovery. April, 1883. — 8. Chorea laryngis. July, 1883. — 9. Disappearance of a trachoma of the vocal cord without local treatment. Oct. 1883. — 10. Traumatic paralysis of the posterior crico-arytenoid muscle. *Ibid.*

11–14. In the *Boston Medical and Surgical Journal:* 11. Chronic nasal catarrh, removal of hypertrophied tissue. 7 Feb. 1884; cx. 132. — 12. Laryngeal complication of pulmonary phthisis. 5 June, 1884; cx. 541. — 13. Cocaine hydrochlorate in the larynx. 27 Nov., 4 Dec. 1884; cxi. 515, 550. — 14. Reports on progress in the treatment of thoracic diseases. 17 Feb., 3 March, 1881; civ. 150, 200. — 1, 8 Sept. 1881; cv. 197, 225. — 16, 23 Feb., 1882; cvi. 157, 173. — 24, 31 Aug. 1882; cvii. 177, 203. — 1, 8 March, 1883; cviii. 197, 223. — 16, 27 Aug. 1883; cix. 151, 179.

William Coolidge Lane.

Assistant in charge of the Catalogues at the Library, 1881——.

1. The Carlyle collection. *Harvard University Bulletin*, Jan. 1883; vol. iii, no. 24, pp. 53–56. Incomplete.
2. Review of the Fall River Public Library catalogue. *Library Journal*, May, 1883; viii. 80–82.
3. The Dante collections in the Harvard College and Boston Public Libraries. Part i. Cambridge. 1885. pp. 18. [Bibliographical contributions, no. 7. Reprinted from the *Harvard University Bulletin*, May, 1885; no. 31.] Incomplete.
4. Index to recent reference lists, 1884–1885. Cambridge. 1885. pp. 8. [Bibliographical contributions, no. 20.]
5. Edited the Harvard University catalogue, 1883–1884, 1884–1885. 2 vols. Cambridge. 1884, 1885. 8°.

Christopher Columbus Langdell.

Dane Professor of Law, 1870——. *Dean of the Law Faculty*, 1870——.

1. A summary of equity pleading. Second edition. Cambridge. 1883. 8°.
2. Reports as Dean of the Law faculty. *Annual reports of the President*, 1880–1881—1884–1885.

Charles Rockwell Lanman.

Professor of Sanskrit, 1880——.

1. Recent publications in the field of Indian antiquities. *Am. Journ. of Philol.*, 1880; i. 345–351.
2. The study of Sanskrit. *Harvard Register*, Feb. 1881; iii. 69–72.
3. Abstract of a course of six public lectures on the Vedas. *Harvard University Bulletin*, no. 18, April, 1881; pp. 169–170.
4. Review of John Peile's "Notes on the Nalopākhyānam." *Am. Journ. of Philol.*, 1881; ii. 516–519.
5. A Sanskrit reader: with vocabulary and notes. Boston. 1884. l. 8°. pp. xx., 293. Also, London. 1884.
6. On the stanza, Rigveda x.18.14, as illustrating the varieties of cumulative evidence that may be used in the criticism of the Veda. (American Oriental Society, Proceedings at Boston, May, 1884.) *Journal* of the society, xi. pp. cxci.–cxciii.
7. On the Dātavya Bhārata Kāryālaya in Calcutta. *Ibid.*; pp. cxciv.–cxcvi.
8. On the typographical requirements for printing Sanskrit in transliteration. (American Oriental Society, Proceedings at Baltimore, Oct. 1884.) *Ibid.*, pp. ccxxvii.–ccxxviii.
9. On a group of Sanskrit derivatives (çaraṇá, çárman, çárira, etc.). *Proceedings of the sixteenth annual session of the American Philological Association*, held in Hanover, N. H., July, 1884, pp. vii.–x. [Accompanies vol. xv. of the *Transactions*.]
10. On multiform presents and on transfers of conjugation in the Sanskrit verb-system. (American Oriental Society, Proceedings at Boston, May, 1885.) *Journal* of the society, xiii. pp. xxxvi.–xxxix.
11. On a Sanskrit manuscript of a Hindu treatise on logic, the Nyāya-siddhānta-mañjari. *Ibid.*, pp. xl.–xli.
12–15. Edited, as Secretary of the Association, the Proceedings of the American Philological Association at the annual sessions, as follows: 12th, held in Philadelphia, Pa., July, 1880; 13th, held in Cleveland, O., July, 1881; 14th, held in Cambridge, July, 1882; 15th, held in Middletown, Conn., July, 1883. 4 vols.

The Proceedings of the 12th session were published at Hartford, Conn., 1881; the others were published in Cambridge, 1881, 1882, 1884. 8°. pp. 42, 45, lxvii., xlviii.

16–19. Edited, as Secretary, the Transactions of the American Philological Association, 1880–1883; vol. xi.–xiv. 4 vols.

Vol. xi. was published at Hartford, Conn., 1881; the rest appeared at Cambridge, 1882, 1882, 1884. 8°. pp. 153, 104, 100, 79.

20–22. Edited, as Corresponding Secretary, the Proceedings of the American Oriental Society at Boston, May, 1884; at Baltimore, Md., Oct. 1884; at Boston, May, 1885. 3 vols. New Haven, Conn. 1884, 1885. 8°. pp. xvii., xxix., xliv. *Journal* of the society, xi. pp. clxxxvi.–ccxxxi. and xiii. pp. i.–xliv.

James Laurence Laughlin.

Instructor in Political Economy, 1878–1883; *Assistant Professor of Political Economy*, 1883——.

1. Colonization. *International Review*, July, 1881; xi. 88–96.
2. The refunding bill of 1881. *Atlantic Monthly*, Feb. 1882; xlix. 195–205.
3. The French panic. *Ibid.*, May, 1882; xlix. 695–703.
4. Evils of the sub-treasury system. *North Am. Review*, Dec. 1883; cxxxvii. 552–564.
5. J. S. Mill's "Principles of political economy" abridged, with critical, explanatory, and bibliographical notes, and a sketch of the history of political economy. New York. 1884. 8°. pp. 658. [2d, 3d ed. 1885.]
6. The silver danger. *Atlantic Monthly*, May, 1884; liii. 677–681.
7. Workingmen's grievances. *North Am. Review*, May, 1884; cxxxviii. 510–520.
8. The new party. *Atlantic Monthly*, June, 1884; liii. 837–840.
9. The study of political economy: hints to students and teachers. New York. 1885. 16°. pp. 158.
10. Political economy and the civil war. *Atlantic Monthly*, April, 1885; lv. 444–450.
11. The character and discipline of political economy. *Popular Science Monthly*, April, 1885; xxvi. 721–731.
12. Methods of teaching political economy. *Ibid.*, May, 1885; xxvii. 31–40.
13. Shall silver be demonetized? *North Am. Review*, June, 1885; cxl. 492–497.
14. Our political delusion. *Atlantic Monthly*, June, 1885; lv. 826–835.

Joseph Lovering.

Hollis Professor of Mathematics and Natural Philosophy, 1838——. *Director of the Jefferson Physical Laboratory*, 1884——.

1. Boston and science. *The Memorial History of Boston.* Ed. by J. Winsor. Vol. iv. Boston. 1880. pp. 489–526.
2. Address at the dedication of a mural monument to President James Walker. *Services at the dedication of a mural monument to James Walker, D.D., LL.D.* Cambridge. 1884. pp. 36–39.

3–9. In the *Proceedings of the American Academy:* 3. Address on the presentation of the Rumford medal to Professor J. Willard Gibbs. 1881; xvi. 415–420. — 4. Anticipations of the Lissajous-curves. *Ibid.*, pp. 292–298. — 5. Biographical notice of Richard Henry Dana. 1882; xvii. 399–403. — 6. Life and scientific work of Edward Desor. *Ibid.*, pp. 422–424. — 7. Life and scientific work of John William Draper. *Ibid.*, pp. 424–429. — 8. Address on the presentation of the Rumford medal to Professor H. A. Rowland. 1884; xix. 478–481. — 9. Life and scientific work of General Sir Edward Sabine. *Ibid.*, pp. 560–564.

10. Edited vol. xvii. of the Proceedings of the American Academy of Arts and Sciences. Boston. 1882. 8°.

11. Edited Memoirs of the American Academy of Arts and Sciences: vol. x. pt. ii. pp. 357–228, and vol. xi. (Centennial vol.) pt. i. pp. 103. Cambridge. 1882. 4°.

James Russell Lowell.

Smith Professor of the French and Spanish Languages and Literature and Professor of Belles-Lettres, 1855——.

1. Address before the Edinburgh Philosophical Institute. *Scotsman*, 8 Nov. 1880.

2. Mercedes. Sonnet. *Harper's Monthly Mag.*, Jan. 1881; xlii. 250.

3. The prison of Cervantes. Sonnet. *Ibid.*, ibid.

4. Phoebe. A poem. *Century*, Nov. 1881; xxiii. 90.

5. Estrangement. A poem. *Ibid.*, May, 1882; xxiv. 16.

6. Speech at the three hundredth anniversary of Emmanuel College, Cambridge, England, Wednesday, 18 June, 1884. *Commemoration of the Three Hundredth Anniversary of the Foundation*, 1884.

7. Address as President of the Wordsworth Society. *Proceedings*, 1884.

8. To O. W. H [olmes] on his 75th birth-day. *Critic*, 20 Sept. 1884; v. 133.

9. Democracy. An inaugural address as President of the Birmingham and Midland Institute. *Critic*, 1 Nov. 1884; v. 211–215 (copied from the *Pall Mall Gazette*).

10. Speeches at the tercentenary festival of the University of Edinburgh, Scotland, April, 1885. *Records of the Tercentenary Festival.* Edinburgh, etc. 1885. 4°.

11. Sonnet to J. G. Whittier. *Proceedings at the presentation of a portrait of Whittier to the Friends' School, Providence, R. I.* 1885. 8°. p. 82.

12. Address on unveiling a bust of Coleridge in Westminster Abbey. *Times*, 8 May, 1885.

Mr. Lowell delivered other addresses in England, which were reported in the newspapers there and copied by those in the United States. A volume containing many of these addresses, including "Democracy," is in press.

Frederick Lutz.

Tutor in German, 1881–1885.

1. German derivatives. Cambridge. 1883. 8°.

Charles Parker Lyman.

Professor of Veterinary Medicine, 1882——.

1. Contagious pleuro-pneumonia, or lung-plague of cattle; where and to what extent it exists. *Senate Misc. Docs.*, 46th Congr., 2d sess., vol. ii., no. 74. Washington, D.C. 1880. pp. 17.

A report to the U. S. Commissioner of Agriculture, locating by counties the infected districts of the United States. With a map. Made 16 April, 1880.

2. Contagious pleuro-pneumonia. *Senate Executive Docs.*, 46th Congr., 3d sess., vol. i., no. 5. Washington, D.C. 1881. pp. 75, *plates* 6.

A report to the U. S. Commissioner of Agriculture concerning Dr. Lyman's inspection of American cattle landed in Great Britain, and their condition regarding the existence among them of pleuro-pneumonia. Also regarding the effect of the condition upon the trade (export) of live cattle. Transmitted by the President to the Senate, Dec. 13, 1880.

3. Report upon contagious pleuro-pneumonia to the Commissioner of Agriculture. Special report of the Dept. of Agriculture, no. 31. Washington, D.C. 1881. pp. 20, *illustr.*

4. Contagious pleuro-pneumonia. Third report. *Ann. rept. Commissioner of Agriculture for* 1880. Washington, D.C. 1881. pp. 572–584, *plates* 7.

5. Contagious pleuro-pneumonia. Final report. *Ibid.*, for 1881. Washington, D.C. 1882. pp. 352–355.

Theodore Lyman.

Assistant in Zoölogy, 1860——.

1. A new structural feature, hitherto unknown among Echinodermata, found in deep-sea ophiurans. *Anniversary memoirs of the Boston Natural History Society.* Boston. 1880. 4°.

2. The stomach and genital organs of Astrophytidae. *Bull. Mus. Comp. Zoöl.*, Feb. 1881; viii. 6, pp. 117–125, *plates* 2.

3. Report on the Ophiuroidea dredged by H. M. S. "Challenger" during the years 1873–1876. *Report on the scientific results of the voyage of H.M.S. "Challenger."*... Prepared under the superintendence of Sir C. Wyville Thomson. Zoölogy. Vol. V. London. 1882. 4°. pp. 1–386, *plates* 48.

4. Reports on the results of dredging by the U. S. C. S. Str. "Blake." XX. Report on the Ophiuroidea. (May, 1883.) *Bull. Mus. Comp. Zoöl.*, x. 6, pp. 227–287, *plates* 8.

5. Addresses before the American Fish Cultural Association at the 13th ann. meeting, Washington, 13 May, 1884. *Trans. of Assoc.*, 1884. Also *19th rep't Mass. Comm. Fish*, 1884, p. 36.

David Gordon Lyon.

Hollis Professor of Divinity, 1882——.

1. Was there at the head of the Babylonian pantheon a deity bearing the name of El? *Proc. Am. Oriental Society*, Boston, May, 1883; pp. xviii.–xxii.
2. Recent Babylonian research. *Science*, 13 July, 1883; ii. 40–41.
3. The results of modern Biblical criticism. *Old Testament Student* (Chicago), Dec. 1883; iii. 102–110. Also *Independent*, 13 Dec. 1883; pp. 4–6.
4. Keilschrifttexte Sargon's Königs von Assyrien (722–705 v. Chr.). Nach den Originalen neu herausgegeben, umschrieben, übersetzt und erklärt. Leipzig. 1883. 4°. pp. xvi., 93.
5. The Biblical writers and their critics. *Religious Herald* (Richmond), 17 Jan. 1884.
6. Isaiah's double authorship. *Ibid.*, 14 Feb. 1884.
7. On the study of Assyrian. *Old Testament Student* (Chicago), March, 1884; iii. 249–252.
8. Books for the study of Assyrian. *Hebraica* (Chicago), March, 1884; i. 14, 15.
9. Assyrian research and the Hebrew lexicon. *Bibliotheca Sacra*, April, 1884; xli. 376–385.
10. Semitic notes. *Science*, 17 Oct. 1884; iv. 378.
11. Assyrian study: Its bearings on the Old Testament. *Christian Register*, 9, 16 April, 1885; lxiv. 228, 229, 244, 245.
12. Assyrian inscriptions in the Wolfe collection. *Independent*, 3, 10 Sept. 1885.
13. On the new edition of the cylinder inscription of Assurbanipal. *Proc. Am. Oriental Society*, New York, Oct. 1882; p. ix., x.
14. Early Oriental history. (Notice of L. Menard's Histoire des anciens peuples de l'orient.) *Science*, 16 Feb. 1883; i. 41, 42.
15. The beginnings of history (Lenormant's). *Christian Register*, 1 March, 1883; lxii. 138.
16. Assyriology: A new quarterly. *Andover Review*, March, 1884; i. 326–328.
17. Cheyne's Psalms. *Christian Register*, 17 July, 1884; lxiii. 458.
18. Das Babylonische Nimrodepos (Haupt's). *Andover Review*, Sept. 1884; ii. 330–331.
19. On the second part of the fifth volume of the Cuneiform inscriptions of Western Asia. *Proc. Am. Oriental Society*, Baltimore, Oct. 1884; p. xvi.
20. A brief account of some recent Assyriological publications. *Ibid.*, Boston, May, 1885; p. xxiii., xxiv.
21. Third edition of Delitzsch's Assyrische Lesestücke. *Hebraica* (Chicago), Oct. 1885; ii. 61, 62.

Charles Frederic Mabery.

Assistant in Chemistry, 1875–1883.

1–2. In *American Chemical Journal:* 1. On paraiodbenzyl compounds. With C. L. Jackson. Oct. 1880; ii. 250. — 2. On the ethers of uric acid. With H. B. Hill. Nov. 1880; ii. 305.

3–15. In *Proceedings of the American Academy:* 3. Substituted acrylic acids from brompropiolic acid. With H. B. Hill. 1881; xvi. 211 [June, 1881; iii. 172.]. — 4. On diiodbromacrylic and chlorbromacrylic acids. With Rachel Lloyd. *Ibid.*, 235 [May, 1881; iii. 124]. — 5. Dibromiodacrylic and chlorbromiodacrylic acids. With Rachel Lloyd. 1882; xvii. 94 [iv. 92]. — 6. Orthoiodbenzylbromide and its derivatives. With F. C. Robinson. *Ibid.*, 103 [iv. 101]. — 7. Chlortribrompropionic acid. With H. C. Weber. *Ibid.*, 106 [iv. 109]. — 8. On certain tetrasubstituted propionic acids. With H. B. Hill. *Ibid.*, 140 [iv. 263]. — 9. On certain substituted acrylic and propionic acids. With F. C. Robinson. 1883; xviii. 41 [v. 251]. — 10. Decomposition of chlortribromproplonic acid with alkaline hydrates. *Ibid.*, 45 [v. 255]. — 11. The products of the dry distillation of wood at low temperatures. *Ibid.*, 47 [v. 256]. — 12. On β-bromtetrachlorpropionic acid. 1884; xix. 279 [vi. 155]. — 13. On α- and β-chlordibromacrylic acids. With Rachel Lloyd. *Ibid.*, 281 [vi. 157]. — 14. On β-dibromdichlorpropionic and β-bromdichloracrylic acids. With H. H. Nicholson. *Ibid.*, 289 [vi. 165]. — 15. On orthoiodtoluolsulphonic acid. With G. H. Palmer. *Ibid.*, 293 [vi. 170].

These articles belong to the series: *Contributions from the chemical laboratory of Harvard College.* The figures in brackets after nos. 3–15 refer to the *American Chemical Journal*, in which those articles also appeared.

Edward Laurens Mark.

Instructor in Zoölogy, 1877–1883; *Assistant Professor of Zoölogy*, 1883——.

1. Maturation, fecundation, and segmentation of Limax campestris, Binney. *Bull. Mus. Comp. Zoöl.*, Oct. 1881; vi. 12, pp. 173–625, *plates* 5.
2. Selections from embryological monographs. Compiled by Alexander Agassiz, Walter Faxon, and E. L. Mark. 3. Polyps. *Mem. Mus. Comp. Zoöl.*, 1884; ix. 3, pp. 38–52, *plates* 11–13.
3. Notes on section cutting. *Am. Naturalist*, June, 1885; xix. 628–631.

The following papers were prepared by students under Professor Mark's direction.

Contributions from the Zoölogical Laboratory of the Museum of Comparative Zoölogy at Harvard College: —

I. On the development of the posterior fissure of the spinal cord, and the reduction of the central canal, in the pig. By William Barnes. (Presented 13 June, 1883, by Alexander Agassiz.) *Proc. Am. Acad.*, 1884; xix. 97–110, *plates* 3.

II. The relation of the external meatus, tympanum, and Eustachian tube to the first visceral cleft. By Albert H. Tuttle. (Presented 13 June, 1883, by Alexander Agassiz.) *Ibid.*, pp. 111–132, *plates* 2.

III. On the development of Oecanthus niveus and its parasite, Teleas. By Howard Ayers. (First Walker prize essay of the Society

for 1883.) *Mem. Bost. Soc. of Nat. History*, Jan. 1884; iii. 8, pp. 225–281, *plates* 18–25, and 41 figs. in the text.

V.* The development of Phryganids, with a preliminary note on the development of Blatta Germanica.† By William Patten. *Quarterly Journ. Microscop. Science*, Oct. 1884; xxiv. 549–602, *plates* xxxvi. A, xxxvi. B, xxxvi. C.

VI. On the anatomy and histology of Aulophorus vagus. By Jacob Reighard. (Communicated 11 June, 1884, by Alexander Agassiz.) *Proc. Am. Acad.*, 1885; xx. 88–106, *plates* 3.

* The fourth article in this series was by C. O. Whitman and will be found under his name.

† The portion of the paper relating to Blatta was done under Prof. R. Leuckart, Leipzig, Germany.

Arthur Richmond Marsh.

Lecturer on Ancient Art, 1884–1885.

1. Ancient crude-brick construction and its influence on the Doric style. *Am. Journ. of Archaeol.*, 1885; i. 46.
2. Perrot and Chipiez's "History of art in Phoenicia and its dependencies." A review. *Ibid.*, p. 190.

Amos Lawrence Mason.

Clinical Instructor in Auscultation and Percussion, 1880–1884.

1–4. In the *Boston Medical and Surgical Journal*, of which Dr. Mason was one of the editors for 1876–1881: 1. The treatment of typhoid fever. cvi. 178. — 2. Poisoning by illuminating gas. cviii. 196. — 3. Cerebro-spinal meningitis. cx. 121. — 4. Typhoid fever at the Boston City Hospital in 1884–85; with remarks on the use of antipyrine; 442 cases. cxi. 535.

5. Two hundred cases of pleurisy at the Boston City Hospital, considered in relation to tapping the chest. 120 operations. *Medical and Surg. Reports of the City Hospital of the City of Boston.* 3d series. Boston. 1882. p. 295. Dr. Mason was also one of the editors of this publication.

Nos. 1–4 were papers read before the Boston Society for Medical Improvement.

William Harlow Melville.

Assistant in Mineralogy, 1877–1882.

1–4. Contributions from the chemical laboratory of Harvard College. *Proc. Am. Acad.*, 1882; xvii.: 1. Crystalline form of cryolite, p. 55. — 2. White tourmaline, p. 57. — 3. Iodide of arsenic, pp. 59–61, *plate* 1. — 4. On the crystalline form of α-dichloracrylic acid, p. 131.

Charles Sedgwick Minot.

Lecturer on Embryology, 1880–1883; *Instructor in Oral Pathology and Surgery*, 1880–1883; *Instructor in Histology and Embryology*, 1883——.

1. Studies on the tongue of reptiles and birds. *Anniversary memoirs of the Boston Natural History Society.* Boston. 1880. 4°.
2. Histology of the locust (Caloptenus) and the locust (Anabrus). *Second report U. S. Entomolog. Commission.* Washington, D.C. 1880. Chap. x. pp. 183–222, *plates* ii.–viii.
3. Some recent investigations of the histology of the scala media cochleæ. *Am. Journ. of Otology.* 1881.
4. Comparative morphology of the ear. *Ibid.*, 1881, 1882.
5. Is man the highest animal? *Proc. Am. Assoc. Adv. Sci.*, 1881; xxx. 240.
6. Review of Balfour's "Embryology." *Boston Med. and Surg. Journ.*, 10 Nov. 1881; cv. 450.
7. A grave defect in our medical education. *Ibid.*, 15 Dec. 1881; cv. 565.
8. Huxley's writings. *International Review*, Dec. 1881.
9. Charles Robert Darwin. *Boston Med. and Surg. Journ.*, 27 April, 1882; cvi. 402.
10. Report on general physiology. *Ibid.*, 11 May, 1882; cvi. 440.
11. Theorie der Genoblasten. *Biolog. Centralbl.*, ii. 365.
12. Criticism of Professor Hubrecht's hypothesis of development by primogeniture. *Science*, 16 March, 1883; i. 165.
13. Review of Heitzmann's "Microscopical Morphology." *Ibid.*, 29 June, 1883; i. 603.
14. The fœtal envelopes. *Boston Med. and Surg. Journ.*, 26 April, 1883; cviii. 409.
15. Report on general physiology. *Ibid.*, 10 May, 1883; cviii. 440.
16. Retrogressive history of the fœtus. *Ibid.*, 31 May, 1883; cviii. 529.
17. National traits of science. *Science*, 5 Oct. 1883; ii. 455.
18. The laboratory in modern science. *Ibid.*, 15 Feb. 1884; iii. 172.
19. The organization of an international scientific association. *Ibid.*, 25 July, 1884; iv. 80.
20. Psychical research in America. *Ibid.*, 17 Oct. 1884; iv. 369.
21. Death and individuality. *Ibid.*, 24 Oct. 1884; iv. 398.
22. Researches on growth and death. *Proc. Soc. Arts.* (Mass. Inst. of Technol.) Boston. 1884; p. 50.
23. Zur Kenntniss der Samenblasen beim Meerschweinchen. *Arch. f. mikroskop. Anat.*, xxiv. 211.
24. The chapter on Worms in the *Standard Natural History.* Ed. by J. S. Kingsley. Vol. i. Boston. 1885. p. 185.
25. Report on the anatomy of Aletia Xylina. With Edw. Burgess. *Fourth report U. S. Entomolog. Commission*, p. 45.
26. The formative force of organisms. *Science*, 3 July, 1885; vi. 4–6.
27. Report on histology and embryology. *Boston Méd. and Surg. Journ.*, 9 July, 1885; cxiii. 30.
28. A new endowment for research. *Nature*, 8 July, 1885; also *Science*, 21 Aug. 1885; vi. 144.

29. Some histological methods, *Am. Naturalist*, 1885; xix. 828, 916.

30. The early stages of human development. *N. Y. Med. Journ.*, xliii, 197, 396.

31. The following articles: — Age, Allantois, Amnion, Area, Bioplasson, Blastoderm, Blastospore, in *Wood's Reference Handbook of the Medical Sciences*, vol. I, New York. 1885.

Francis Minot.

Hersey Professor of the Theory and Practice of Physic, 1874——.

1–14. In the *Boston Medical and Surgical Journal*: 1. Cases of lead poisoning treated at the Massachusetts General Hospital. 10 March, 1881; civ. 221. — 2. Case of pylephlebitis originating in inflammation of the appendix caeci. 8 Sept. 1881; cv. 231. — 3. Case of pyaemia of obscure origin. 17 Nov. 1881; cv. 485. — 4. Case of chorea, treated by arsenic. 6 April, 1882; cvi. 319. — 5. Cases of pulmonary consumption followed by recovery or arrest of the disease. 27 April, 1882; cvi. 409. — 6. Ventilation in the lying-in room. 23 Nov. 1882; cvii. 594. — 7. Obscure case of ascites and anasarca. 16 Aug. 1883; cix. 154. — 8. Paralysis of lower extremities from lead; rapid recovery under use of iodide of potassium. 16 Aug. 1883; cix. 155. — 9. The hygiene of the lying-in room. 11 Oct. 1883; cix. 343. — 10. Case of death from heart-clot, following etherisation. 13 Dec. 1883; cix. 560. — 11. Two cases of uterine polypus. 17 Jan. 1884; cx. 58. — 12. On the treatment of acute pneumonia. 14 Feb. 1884; cx. 169. — 13. Anuria from compression of the ureters by cancerous disease. 6 March, 1884; cx. 227. — 14. Cancer of the body of the uterus, involving the rectum. 2 Oct. 1884; cxi. 323.

Charles Herbert Moore.

Instructor in Drawing and the Principles of Design, 1871——.

1. Set of five mezzo-tinted etchings. Cambridge. 1880. 4°.

2. Fac-similes of examples in delineation selected from the masters for the use of students in drawing. Cambridge. 1882. 4°.

3. Examples for elementary practice in delineation for the use of schools and isolated beginners. Boston. 1884. 4°.

4. Various newspaper and magazine articles.

Bennett Hubbard Nash.

Assistant Professor of Italian and Spanish, 1871–1881; *Professor of Italian and Spanish*, 1881——.

1. A memoir of the late George P. Marsh. With Francis Philip Nash. *Proc. Am. Acad.*, 1883; xviii. 447.

Charles Eliot Norton.

Professor of the History of Art, 1875——.

1. The Greek play at Harvard. *Atlantic Monthly*, July, 1881; xlviii. 106.

2. Address at the celebration of the two hundredth anniversary of the building of the Old Meeting-House at Hingham, on the eighth of August, 1881. Cambridge. 1882. 8°. pp. 36.

3. Remarks on Mr. Longfellow's studies and translations of Dante. *First annual report of the Dante Society*. Cambridge. 1882. pp. 17–25.

4. The correspondence of Thomas Carlyle and Ralph Waldo Emerson, 1834–1872. [Edited, with notes, by C. E. Norton.] 2 vols. Boston. 1883. 12°.

5. Speech at the three hundredth anniversary of Emmanuel College, Cambridge, England, 18 June, 1884. *Commemoration of the Three Hundredth Anniversary of the Foundation*, 1884. 8°.

6. A visit to Sardis. *Harper's Monthly Mag.*, April, 1884; lxviii. 672.

7. The first American classical archaeologist [John Izard Middleton]. *Am. Journ. of Archaeol.*, Jan. 1885; i. 8–9.

8. Additional notes on the Divine Comedy by Henry Wadsworth Longfellow. [Edited by C. E. Norton.] *Fourth annual report of the Dante Society*. Cambridge. 1885. pp. 15–31.

9. Edited first–sixth annual reports of the Archaeological Institute of America, 1879–1884. Cambridge. 1880–85. 8°.

Joseph Pearson Oliver.

Clinical Assistant in Diseases of Children, 1875–1885.

1. A clinical lecture on gastroduodenal catarrh in young children. *N. Y. Med. Journ.*, 1883; xxxvii. 57–59.

Walter Joseph Otis.

Prosector in Surgical Anatomy, 1880–1882; *Assistant in Anatomy*, 1882–1884; *Assistant in Operative Surgery*, 1884——.

1. A new dilator for the operation of tracheotomy. *Boston Med. and Surg. Journ.*, 26 April, 1883; cviii. 396.

2. A case of cystitis with sloughing of the mucous membrane of the bladder following confinement. *Ibid.*, 17 May, 1883; cviii. 458.

3. Hemorrhage following tonsillotomy. *Ibid.*, 6 Sept. 1883; cix. 227.

4. Demonstration of the position and length of the sigmoid flexure of the colon; and Houston's valves of the rectum. *Ibid.*, 18 June, 1885; cxii. 606.

John Knowles Paine.

Professor of Music, 1875——.

1. Oedipus tyrannus of Sophocles. Music for male chorus and orchestra. Opus 35. Boston. 1881. l. 8°.
2. The Nativity. Words from Milton. For chorus, solo voices and orchestra. Boston.
3. The realm of fancy. Words by Keats. For chorus, solo voices and orchestra. Boston.
4. Phoebus, arise. Words by Drummond. For male chorus and orchestra. Boston. 1882. l. 8°.
5. Commencement hymn. Words by J. B. Greenough. For male voices and orchestra. Boston.
6. Romance. Boston. 1884.

7–10. Four pieces for piano. Boston. 1884.

11–13. Three songs. Boston. 1884.

George Herbert Palmer.

Assistant Professor of Philosophy, 1872–1883; *Professor of Philosophy*, 1883——.

1. The new regulations. *Harvard Register*, Dec. 1880; i. 235.
2. The Odyssey of Homer. Books i.–xii. The text and an English version in rhythmic prose. Boston, etc. 1884. 8°.

Charles Pomeroy Parker.

Instructor in Greek and Latin, 1882–1883; *Tutor in Greek and Latin*, 1883——.

1. Handbook of Latin writing. With H. Preble. Boston. 1884.

Andrew Preston Peabody.

Preacher to the University, and Plummer Professor of Christian Morals, 1860–1881; *Emeritus*, 1881——.

1–7. In the *Harvard Register:* 1. Mark Hopkins. Sept. 1880; i. 182. — 2. The study of the Greek and Latin languages. Jan. 1881; iii. 7. — 3. Henry N. Hudson. His "Harvard edition" of Shakespeare. *Ibid.*, 43. — 4. Henry Dunster, first president of Harvard College. Feb. 1881; iii. 65–68. — 5. Charles Chauncy, second president of Harvard College. March, 1881; iii. 121–126. — 6. George Barrell Emerson. May, 1881; iii. 259–261. — 7. Notice of W. W. Newell's translation of Oedipus tyrannus. July, 1881; iii. 432.

7a. The Unitarians. *Memorial History of Boston*, vol. iii. Boston. 1880. pp. 467–482.

8. Christo et ecclesiae. A valedictory sermon delivered before the senior class of Harvard College, 19 June, 1881. Cambridge. 1881. 8°. pp. 11.

Also in: *Valedictory sermon and hymn, class-day orations and poem. Class of* 1881, and in no. 26.

9. Philosophy IV. Ethics. [Notes of lectures on Cicero's De officiis, given in 1881. Compiled by C. W. Birtwell. Camb. 1881.] 8°.
10. The upright man. A sermon preached in the chapel of Harvard University on the Sunday after the decease of John G. Palfrey, D.D., LL.D. *Unitarian Review*, July, 1881; xvi. 70–77.
11. Consciousness and personality. *Princeton Review*, Nov. 1881.
12. Hospitality. Baccalaureate sermon for the class of 1883. *Class of* 1883, *Baccalaureate Sermon, Class-Day Oration, etc.* Cambridge. 1883.
13. Translation of Cicero's "De officiis," with introduction and notes. Boston. 1883. 16°. pp. xxiv., 254.
14. Sermon at Portsmouth, N. H., fifty years after the author's ordination as pastor of the South Church. Boston. 1883.
15. Negative preaching. A lecture before the Harvard Divinity School in 1882. *Unitarian Review*, June, 1883.
16. Review of Harris's "Philosophical basis of theism." *Christian Register*, 25 Oct. 1883.
17. Review of Hazard's "Man a creative first cause." *Ibid.*, 8 Nov. 1883.
18. Wish and will. *Ibid.*, 27 Dec. 1883.
19. Translation of Cicero's "De senectute," with introduction and notes. Boston. 1884. 16°. pp. xxxii., 67.
20. Translation of Cicero's "De amicitia," and "Scipio's dream," with introduction and notes. Boston. 1884. 16°. pp. xix., 91.
21. Address at the Commemorative services for Ezra Abbot, 1884. *Ezra Abbott. Published for the alumni of the Harvard Divinity School.* Cambridge. 1884. 8°.
22. On the study of Greek. *Atlantic Monthly*, Jan. 1884.
23. The divine beneficence of penalty. Russell lecture at Tuft's College. 23 Sept. 1883. *Unitarian Review*, Feb. 1884.
24. Prolegomena to Tischendorf's New Testament. *Unitarian Review*, Aug. 1884.
25. Plutarch and his writings. *Andover Review*, Nov. 1884; ii. 466–478.
26. Translation of Plutarch on the delay of the divine justice, with introduction and notes. Boston. 1885. 16°. pp. xxx., 78.
27. Baccalaureate sermons 1861–1883. Boston. 1885. 8°. pp. 252.
28. Consulting with one's self. Baccalaureate sermon to the class of 1885. 8°. pp. 10.

Also in: *Class of* 1885. *Baccalaureate sermon, class-day oration, etc.* Cambridge. 1885. 8°.

29. Memorial of Hon. Stephen Salisbury. *Proc. Am. Antiq. Society*, 21 Oct. 1884; iii. 227–246.
30. Autumn, a sermon preached at Worcester in 1884. Worcester. 1885.
31. A sermon in commemoration of Rev. Rufus Ellis, D.D. Boston. 1885.
32. Memoir of Cornelius Conway Felton. *Memorial biographies of the New Eng. Hist. and Geneal. Soc.*, vol. iv. Boston. 1885. 8°. pp. 444–453.
33. The fallacies of history. Read before the American Antiquarian Society in 1885. Worcester. 1885.

34. Report [of a committee (A. P. Peabody, Phillips Brooks, and John Lowell) on the petition presented by Undergraduates that attendance at morning prayers be made voluntary for all students over twenty-one years of age. Presented March 8, 1885.] pp. 6.
35. The apostle Paul. *Unitarian Review*, April, 1885.
36. Phillips Exeter Academy. *New Englander*, May, 1885.
37. Memoir of Edward Jarvis, M.D. *New Eng. Hist. and Geneal. Reg.*, July, 1885. Memoir of the same. *Proc. Am. Acad.*, 1885; xx. 519–522.
38. Memoir of Rear Admiral Preble. *Proc. Mass. Hist. Soc.*, Oct. 1885.

Francis Greenwood Peabody.

Lecturer on Ethics and Homiletics, 1880–1881; *Parkman Professor of Theology*, 1881——. *Acting Dean of the Divinity Faculty*, 1885——.

1. The history of the psychology of religion, i., ii. *Unitarian Review*, Aug., Sept. 1880.
2. The autumn and the soul. A sermon. *Springfield Republican*, 25 Nov. 1880.
3. The preacher's opportunity. An introductory discourse in Harvard Divinity School. *Unitarian Review*, Dec. 1880.
4. Reports of the Committee to visit the Divinity School, 1880, 1881. pp. 12, 4.
5. The end of these things. Baccalaureate sermon to the class of 1882. Cambridge. 1882. Also in the Class-day pamphlet for 1882.
6. A broad place. Sermon at the dedication of the Channing Church, Newton, Mass. Boston. 1882. Also *Christian Register*, 15 June, 1882.
7. Civil service reform in the New York post office. For the Cambridge Civil Service Reform Association. *Boston Herald*, 1882.
8. William Newell. A memorial address. *Discourses and poems of William Newell. A memorial volume.* Boston. 1882. 12°. pp. 30–34.
9. Liberal Christianity and the spirit of worship. An essay at the National conference of Unitarian and other Christian churches. *Unitarian Review*, Nov. 1882.
10. Spiritual frontage. Sermon at the ordination of A. A. Brooks, Greenfield, Mass. Printed by the society. 1883.
11. The study. A paper on the minister's home. *Unity*. 1883.
12. The method of the psychology of religion, i., ii. *Unitarian Review*, March, April, 1883, pp. 244–257, 322–333.
13. The fixed heart. A sermon. *Every other Saturday*. 1884.
14. Review of Janet's "Theory of morals." *Science*, 21 March, 1884; iii. 360.
15. The office of proof in the knowledge of God. *Andover Review*, July, 1884; ii. 1–17.
16. The ministry. From addresses of 1884. *Christian Register*, 21 Feb. 1884; 22 Jan. 1885. Also *Truth Seeker* (London), May, 1884. Also *Valparaiso Record*, 27 Aug. 1885.
17. Review of Martineau's "Types of ethical theory." *Science*, 14 Aug. 1885; vi. 136.
18. Oliver Stearns. *Christian Register*, 6 Aug. 1885.
19. Report as acting Dean of the Divinity faculty. *Annual report of the President*, 1884–1885.

Benjamin Peirce.

Perkins Professor of Astronomy and Mathematics, 1842–1880.

*** The following posthumous works were published within the period included by this list.

1. Ideality in the physical sciences. [Edited by J. M. Peirce.] Boston. 1881. 8°.
2. Linear associative algebra. New edition, with addenda and notes, by C. S. Peirce. Extracted from the *Am. Journ. of Mathematics*, 1881; iv. New York. 1882. 4°. pp. (6) 133.

Benjamin Peirce. A memorial collection, by Moses King. Cambridge. 1881. sq. 8°. pp. 64. *Port.*

Containing, Biographical sketch by Thomas Hill, D.D., with additional notes and various commemorative addresses and other publications.

Benjamin Osgood Peirce.

Instructor in Mathematics, 1881–1884; *Assistant Professor of Mathematics and Physics*, 1884——.

1. A short table of integrals to accompany Byerly's "Integral calculus." 8°. n. p. n. d. pp. 16.
2. On the sensitiveness of the eye to slight differences of color. *Am. Journ. of Science*, Oct. 1883; 3d series, xxvi. 299–302.

James Mills Peirce.

University Professor of Mathematics, 1869–1885; *Perkins Professor of Astronomy and Mathematics*, 1885——.

1. Edited: Ideality in the physical sciences. By Benjamin Peirce. Boston. 1881. 8°.

Thomas Sergeant Perry.

Instructor in English, 1877–1881; *University Lecturer upon English Literature*, 1881–1882.

1. Gray, Collins, and Beattie. *Atlantic Monthly*, Dec. 1880; xlvi. 810.
2. M. Zola as a critic. *International Review*, Feb. 1881; x. 144.
3. The life and letters of Francis Lieber. Edited by T. S. Perry. Boston. 1882. 8°. pp. iv., 439. *Port.*
4. English literature in the eighteenth century. New York. 1883. 12°.

Translated into French under the title: La Littérature Anglaise au dixhuitième siècle. Traduit et adapté de l'anglais par L. Leinarquis, Professeur au Lycée de Bar-le-Duc. Paris. 1885. 12°.

Edward Charles Pickering.

Director of the Observatory and Phillips Professor of Astronomy, 1876——. *Professor of Geodesy*, 1876——.

1. New planetary nebulae. *Am. Journ. of Science*, Oct. 1880; cxx. 303. Also *The Observatory*, March, 1881; iv. 81.
2. Variable stars of short period. *Proc. Am. Acad.*, Feb. 1881; xvi. 257. Also *The Observatory*, Aug.—Oct. 1881; iv. 225, 264, 284.
3. Observations of comet III. 1869. *Astronomische Nachrichten*, xcix. 95.
4. Observation of the solar eclipse of Dec. 30, 1880. *Ibid.*, xcix. 107.
5. The companion of Sirius. *Ibid.*, xcix. 219.
6. Photometric magnitude of Jupiter's satellite III. *The Observatory*, April, 1881; iv. 113.
7. Large telescopes. *Proc. Am. Acad.*, April, 1881; xvi. 364. Also *Nature*, Aug. 1881; xxiv. 389.
8. Photometric measurements of the variable stars β *Persei* and DM. 81° 25, made at the Harvard College Observatory. [E. C. Pickering, Arthur Searle, and O. C. Wendell, observers.] *Proc. Am. Acad.*, April, 1881; xvi. 370.
9. Objects remarkable for their colors or spectra. *Astronomische Nachrichten*, xcix. 375.
10. New variable star in Puppis. *Ibid.*, c. 13.
11. Comet 1881, III. *Science*, July, 1881; ii. 329.
12. Report on the progress of the zone observations. *Vierteljahrsschrift d. Astron. Gesellsch.*, 1881; xvi. 317.
13. Reply to inquiries regarding time balls. *Professional Papers of the Signal Service*, no. 5, p. 24.
14. Stars with peculiar spectra, discovered at the Astronomical Observatory of Harvard College. *Astronomische Nachrichten*, ci. 73.
15. Order of brightness of stars. *English Mechanic and World of Science*, Nov. 1881; xxxiv. 278.
16. Remarkable star spectrum; new planetary nebula. *Science*, Dec. 1881; ii. 581. Also *Copernicus*, Dec. 1881; i. 242.
17. A plan for securing observations of the variable stars. Cambridge. 1882. 8°.
18. Statement of work done at the Harvard College Observatory during the years 1877–82. Cambridge. 1882.
19. The Pleiades. *Astronomical Register*, Feb. 1882; xx. 40.
20. Variable stars. *English Mechanic and World of Science*, Feb. 1882; xxxiv. 542.
21. Photometric observations of planets and of Jupiter's satellite III, made at the Harvard College Observatory. *Astronomische Nachrichten*, cii. 151.
22. Photometric observations of the satellites of Mars, 1881–82. [E. C. Pickering and O. C. Wendell, observers.] *Ibid.*, cii. 193.
23. The meridian photometer. *Monthly Notices of the R. Astr. Society*, June, 1882; xlii. 365.
24. Photometric comparisons of lunar objects. *Selenographical Journal*, July, Aug. 1882; v. 53, 57.
25. Erratum in observations of comet Wells, 1882. *Astronomische Nachrichten*, cii. 223.
26. Photometric measurements of Sawyer's variable (DM. +1° 3408), and its comparison stars. *Ibid.*, ciii. 61.
27. New planetary nebulae. *Ibid.*, ciii. 95, 165.
28. Small planetary nebulae, discovered at the Harvard College Observatory. *The Observatory*, Oct. 1882; v. 294. Also *The Sidereal Messenger*, Oct. 1882; i. 139.
29. Address at the June meeting of the Royal Astronomical Society. *The Observatory*, vi. 199. Also *Astronomical Register*, xxi. 150.
30. Address at the second annual general meeting of the Liverpool Astronomical Society. *Abstract of Proceedings*, 2. Also *Astronomical Register*, xxi. 278.
31. The wedge photometer. *Proc. Am. Acad.*, 1882; xvii. 231.
32. Circulars relative to the collection and distribution of astronomical intelligence. Cambridge. 1883. 8°. pp. 7.
33. First circular of instructions for observers of variable stars, acting in coöperation with the Harvard College Observatory. [Dated Cambridge, 27 Jan. 1883.] 8°. pp. 4.
34. Astronomical photography. [Circular, dated Cambridge, 21 Feb. 1883.] 4°. pp. 2.
35. Observations of the transit of Venus, 5 and 6 Dec. 1882, made at the Harvard College Observatory. *Ibid.*, 1883; xviii. 15.
36. Mountain observatories. *Appalachia*, iii. 99. Also *The Observatory*, vi. 287.
37. New planetary nebulae. *Astronomische Nachrichten*, cv. 335.
38. Erratum in the position of a variable star. *Ibid.*, cv. 351.
39. Researches upon the photography of planetary and stellar spectra. By the late Henry Draper. Results of measurements by E. C. Pickering. *Proc. Am. Acad.*, 1884; xix. 231.
40. Sir William Herschel's observations of variable stars. *Ibid.*, xix. 269. Also *The Observatory*, vii. 256.
41. Recent observations of variable stars. *Proc. Am. Acad.*, 1884; xix. 296.
42. Photometric observations of Neptune at the Harvard College Observatory. *The Observatory*, vii. 134.
43. Light of comparison stars for Vesta. *Am. Journ. of Science*, cxxviii. 17.
44. Early experiments in telegraphing sound. *Proc. Am. Acad.*, 1885; xx. 262–267.
45. Observations of variable stars in 1884. *Ibid.*, 1885; xx. 393.
46. A photographic study of the nebula of Orion. *Ibid.*, 1885; xx. 407.
47. Photometric observations of Neptune at the Harvard College Observatory. *The Observatory*, viii. 111.
48. Photometric observations of Ceres (1), Pallas (2), and Vesta (4) at the Harvard College Observatory. *Ibid.*, viii. 238.

49. Photometric measurements at the Harvard College Observatory of the faintest stars in the charts constructed by Palisa. *Sidereal Messenger*, iv. 133.

50. Possibility of errors in scientific research due to thought transference. *Am. Soc. Psychical Research*, i. 235.

51. First—Third report of the committee on standards of stellar magnitude. Edward C. Pickering, chairman. *Proc. Am. Assoc. for the advancement of Science*, 1881, p. 1; 1883, p. 1; 1885, p. 1.

52. Thirty-sixth—Fortieth annual report of the Director of the Astronomical Observatory. Presented to the visiting committee, 1880–1885. Cambridge. 1882–1886. 8°.

1881, pp. 16; 1882, pp. 15; 1883, pp. 17; 1884, pp. 12; 1885, pp. 13. Each report includes a list of the scientific articles published by the officers of the Observatory during the year. These reports are also included in the *annual reports* of the President.

53. Edited Annals of the Astronomical Observatory of Harvard College. Vol. xiii. Pt. 1; vol. xiv. Cambridge. 1882–85. 4°.

Contents: — xiii. (Incomplete.) Part 1. Micrometric measurements made with the equatorial telescope of fifteen inches aperture during the years 1866–1881, under the direction of Joseph Winlock and E. C. Pickering, successive directors of the Observatory. 1882. pp. vi., 204.

xiv. Observations with the meridian photometer during the years 1879–82. By E. C. Pickering, aided by Arthur Searle and O. C. Wendell. (Published in 2 parts.) 1884–85. pp. viii., 512, *plates* 8.

Charles Burnham Porter.

Instructor in Surgery, 1879–1882; *Assistant Professor in Surgery*, 1882——.

1–14. In the *Boston Medical and Surgical Journal:* 1. Unusual urethal cases. 1881; civ. 370. — 2. Intestinal obstruction. 1881; cv. 229. — 3. Cases of popliteal aneurism. 1882; cvi. 361. — 4. Disease of the mammary areola preceeding cancer of the mammary gland. Paget's disease. *Ibid.*, p. 412. — 5. Amputation at the hip. Knee-joint and section of the femur shown. *Ibid.*, p. 421. — 6. Remarks on tracheotomy (on a paper by Dr. M. H. Richardson). 1882; cvii. 561, 563. — 7. Orbital cellulitis. 1883; cviii. 57. — 8. Case of plastic operation for burn of the fore-arm and hand. *Ibid.*, p. 469. — 9. Old stricture, multiple abscesses, perineal section, septicaemia, death. 1883; cix. 609. — 10. Pilo-nidal sinus. 1884; cx. 398. — 11. Case of diptheretic perineal wound, chronic cystitis, bilateral incision. *Ibid.*, p. 399. — 12. Removal of fragments of catheter from bladder (case reported). *Ibid.*, p. 399. — 13. Excision of a portion of intestine including part of the ileo-caecal valve for the cure of faecal fistula in the right groin; recovery. *Ibid.*, 457. — 14. Cases of conservative surgery. 1885; cxii. 224.

Abner Post.

Clinical Instructor in Syphilis, 1882——.

1–2. In the *Boston Medical and Surgical Journal*, of which Dr. Post was assistant editor during the period covered by this list: 1. Rickets and congenital syphilis. 4 Oct. 1883; cix. 325. — 2. A case of cerebro-spinal syphilis. 10 Jan. 1884; cx. 28.

Henry Preble.

Tutor in Greek and Latin, 1881——.

1. Handbook of Latin writing. With C. P. Parker. Boston. 1884.

Frederick Ward Putnam.

Curator of the Peabody Museum of American Archaeology and Ethnology, 1874——.

1–8. In the *Proceedings of the Boston Society of Natural History*, 1880–1882; vol. xxi.: 1. Presentation of specimens of Chologaster Agassizii Put., from Mammoth Cave, Kentucky. Sept. 1881; p. 82. — 2. Notice of a vase in the shape of a human head from a burial mound on the St. Francis river, Ark., p. 90. — 3. Remarks on a small carved bone, found in a well at Scarboro', Me., in 1871; p. 107. — 4. Remarks on the explorations of Dr. Palmer of the caves at Coahuila, Mexico, p. 118. — 5. Remarks on a visit to Mammoth Cave, Jan. 1882; p. 233. — 6. Account of the explorations in the ancient cemetery at Madisonville, Ohio; p. 216. — 7. Remarks on palaeolithic implements; p. 122. — 8. Notes on some stone implements from Marshfield, Mass.; also from Sag Harbor, N. Y. Feb. 1882; p. 405.

9. Pueblo pottery. *Am. Art Review*, Feb. 1881; p. 151, *illustr.*

10. American pottery. *Ibid.*, Feb. 1881.

11. Archaeological explorations at Madisonville, Ohio. *Harvard University Bulletin*, June, 1881; ii. no. 19, p. 217.

12. Remarks on the palaeolithic implements of the valley of the Delaware. Meeting of the Boston Soc. Nat. Hist., 19 Jan. 1881. Reprinted from the proceedings of the Society, vol. xxi., for the Peabody Musuem of American Archaeology and Ethnology. Cambridge. 1881.

13. Ancient American pottery. *Supplement to Scientific American*, 1 Jan. 1881, *illustr.*

14. Review of Evans' "Bronze age in Great Britain and Ireland." *Independent* (New York), 1 Dec. 1881; p. 9.

15. Were ancient copper implements hammered or moulded into shape? *Kansas City Review*, Dec. 1881.

16. Notes on the copper objects from North and South America, contained in the collections of the Peabody Museum. *Fifteenth report of the Peabody Mus.*, 1882; pp. 83–148, *illustr.*

17. Sketch of Lewis H. Morgan. *Proc. Am. Acad.*, 1882; xvii. 429.

18. Report of a paper read before the Boston Society of Natural History on the use of copper, bronze, and silver, in North and South America. *Boston Evening Transcript*, 20 Jan. 1882.

19. The Maine shell heaps. Report of address before the Maine Historical Society, 23 Dec. 1882. *Portland Advertiser*, 23 Dec. 1882.

20. The Damariscotta shell heaps. *Ibid.*, 7 Feb. 1883.

21–29. In *Science*, 1883, vol. i.: 21. Notice of sixty-eight Indian portraits, originals of plates in McKenney and Hall's "Indian tribes of North America," presented to Peabody Museum. Feb.; p. 83. — 22. Archaeological frauds. 2 March; p. 99. — 23. An Indian burial mound. 16 March; p. 168. — 24. Stone-graves of the Cumberland valley. 13 April; p. 292. — 25. Shell heaps on the coast of Maine. 20 April; p. 319. — 26. Altar mounds in Anderson township, Ohio. 27 April; p. 348. — 27. The ancient cemetery at Madisonville, Ohio. 4 May; p. 373. — 28. Iron in the Ohio mounds. 18 May; p. 434. — 29. Mound explorations in the Little Miami valley. 1 June; p. 496.

30. Notes on copper implements from Mexico. *Proc. Am. Antiq. Soc.*, 1883; new series, ii. 235–246, *illustr.*

This is a continuation of the paper on copper implements in the 15th report of the Museum (no. 16 above).

31. Iron from the Ohio mounds; a review of the statements and misconceptions of two writers of over sixty years ago. *Ibid.*, April, 1883; new series, ii. 349–363, *illustr.*

32. Abstract of an account of recent archaeological excursions in Wisconsin and Ohio. Given at the meeting of the American Antiquarian Society, Oct. 22, 1883. *Ibid.*, Oct. 1883; new series, iii.

33. Seventeenth—nineteenth annual reports of Mass. Commissioners on Inland Fisheries for 1882 to 1885. (Conjointly with other commissioners.) Boston. 1883–1885. 8°. (Mass. Pub. Docs., no. 25, 1882–1884.)

34. A new stand for skulls, made by Edward E. Chick, Assistant in the Peabody Museum at Cambridge. *Proc. Am. Assoc. for the advancement of Science*, August, 1883; xxxii. 392.

35. Abnormal human skulls from stone-graves in Tennessee. *Ibid.*, August, 1883; xxxii.

36. Note on human footprints found in tufa, near the shore of Lake Managua, Nicaragua. *Proc. Am. Antiq. Soc.*, 30 April, 1884; new series, iii. 92.

37. Note on a human under-jaw found in gravel at Trenton, N. J. *Ibid.*, 93.

38. The first notice of the Pine Grove, or Forest River shell heap. *Bull. Essex Inst.*, July–Sept. 1883; xv. 86–92.

39. Indian mounds on the Little Miami river, Ohio. *Proc. Acad. Natural Sciences* (Phila.), Jan.–April, 1884; i. 20, 21.

40. Remarks upon some chipped stone implements. *Bull. Essex Inst.*, 1884; xv. 137–142, *illustr.*

41. Remarks on curiosity. *Ibid.*, 1884; xvi. 154–156.

42. Edited the Proceedings of the American Association for the advancement of Science, vols. xxii.–xxxiii. 1880–1885.

43. Fourteenth—seventeenth annual reports of the trustees of the Peabody Museum of American Archaeology and Ethnology, presented to the President and Fellows of Harvard College, May, 1881, June, 1882, March, 1884 [consisting of the reports of the Treasurer and of the Curator (F. W. Putnam), with special papers]. Vols. iii. nos. 1–4.

The eighteenth report, made in the spring of 1885, will be published with the nineteenth report in 1886.

James Jackson Putnam.

Clinical Instructor in Diseases of the Nervous System, 1875——.

1. A case of acute hemiplegic chorea; with autopsy and remarks. With Ralph M. Canfield. *Boston Med. and Surg. Journ.*, 4 Sept. 1884.

2. The medico-legal significance of hemianaesthesia after concussion-accidents. *Am. Journ. of Neurology and Psychiatry*, Nov. 1884.

John Phillips Reynolds.

Professor of Obstetrics, 1877——.

1–4. In the *Boston Medical and Surgical Journal:* 1. Safeguards in private obstetrics. 1881; cv. 389–391. — 2. The epidemic of typhoid fever at Nahant, Mass. With Dr. Dwight (condensed report). *Ibid.*, 467. — 3. Induction of premature labor; manual dilatation; fatal result to both mother and child. 1882; cvii. 363–365. — 4. An overdose of chloral. 1884; cx. 151.

William Lambert Richardson.

Instructor in Obstetrics, 1874–1882; *Assistant Professor of Obstetrics*, 1882——.

1. Manual dilatation of the os uteri as a means of inducing premature labor. *Trans. Am. Gynecol. Soc.*, 1880 [1881]; v. 351–358. Also separately.

2. Three successive deliveries in a case of narrowed pelvis. *New York Med. Journ.*, 1881; xxxiv. 285–287.

3–10. In the *Boston Medical and Surgical Journal:* 3. Deformed pelvis; induction of labor. 1881; civ. 245. — 4. Acute jaundice after labor. *Ibid.*, 246. — 5. Eclampsia, acute parenchymatous nephritis, manual dilatation, version. *Ibid.*, 247. — 6. Excessive thirst and polyuria occurring during pregnancy. *Ibid.*, 248. — 7. Case of acute Bright's disease. 1882; cvi. 302. — 8. Cases of pregnancy complicated with fibroid tumor of the uterus. 1884; cxi. 39–41. — 9. A case of abdominal tumor. 1885; cxii. 76–79. — 10. Diagnosis and treatment of posterior positions of the occiput. 1885; cxiii. 147–151.

John Ritchie, Jr.

Assistant in Observatory in charge of Distribution of Astronomical Information, 1883——.

1. Circular relative to the collection and distribution of astronomical intelligence. With S. C. Chandler, Jr. Cambridge. 1883. 8°. pp. 8.

2. On the telegraphic transmission of astronomical data. Part ii. The phrase code. Boston. 1883. 8°. pp. 16.

Part i. was published in August, 1881.

3. On the collection and distribution of astronomical intelligence. *Science Observer*, 18 April, 1883; pp. 34–37.

4. Editorial on the same subject. *Ibid.*, p. 40.

5. Systematic search for comets. Monthly reports for Sept.—Nov. 1882. *Ibid.*, pp. 42–44.

6. The comet of 1812. A paper before the Society of Arts at Boston, 27 Dec. 1883. Abstr. in *Proc. Soc. of Arts*, 1883, p. 38.

7. Wrote the larger part of the Report of judges on philosophical, mathematical, and electrical instruments at the Mass. Charitable Mechanics' Association fair, 1884. *Report of the exhibition.* Boston. 1884. pp. 127–140.

8. Ephemeris of comet 1883, Brooks-Swift. *Astronomische Nachrichten*, 1884; cv. 143.

9. Systematic search for comets (editorial). *Science Observer*, 22 May, 1884; p. 54.

10. Systematic search for comets. Monthly reports for Dec. 1882, Jan., Feb. 1883, and for the year ending Feb. 1883. *Ibid.*, 56–59.

11. Mr. Toppan's new process of bleaching. Lecture before the Boston Scientific Society, 27 Feb., and before the Essex Institute, at Salem, 24 March, 1884. *Ibid.*, Aug. 1884, pp. 65–67.

12. Date of discovery by Brooks of Pons' comet. *Astronomische Nachrichten*, 1885; cvii. 43.

13. Conchological check lists. *Random Notes*, Jan. 1884—May, 1885; vol. i., ii. (each month).

14. Check list of British fresh-water shells. *Ibid.*, Sept. 1885; ii. no. 9.

15. Edited and published the Science Observer, 18 April, 1883—March, 1885; nos. 41–47.

16. Edited and published the Science Observer circulars, 8 Feb. 1883—18 Sept. 1885; nos. 30–60. Cambridge. 8°.

Contents: 1883. 30. Discovery of Asteroid Palisa. 3 Feb. — 31. Discovery of Comet Swift-Brooks. 24 Feb. — 32. Orbit Comet Swift-Brooks. 28 Feb. (S. C. Chandler, Jr., O. C. Wendell.) — 33. Ephemeris Comet Swift-Brooks. 6 March. (J. Ritchie, Jr.) — 34. Orbit Comet Swift-Brooks. 19 March. (S. C. Chandler, Jr., O. C. Wendell.) — 35. Discovery of D'Arrest's Comet. 5 April. — 36. Discovery of Asteroid Borrelli. 14 May. — 37. Discovery of Asteroid Peters. 15 Aug. — 38. Discovery of Comet Brooks. 5 Sept. — 39. Orbit Comet Brooks. 11 Sept. (S. C. Chandler, O. C. Wendell.) — 40. Orbits and observations Comet Brooks. — 41. Identity of Comet Brooks and Comet 1812. 21 Sept. (S. C. Chandler, Jr.) — 42. Discovery of Asteroid Palisa (235). 1 Dec. — 1884. 43. Discovery of Comet Ross. 16 Jan. — 44. Discovery of Asteroid Palisa (236). 28 April. — 45. Sweeping ephemeris Comet (1858 III). 13 May. (L. Schulhof, Paris, France.) — 46. Supposed discovery of Comet (1858 III). 25 June. — 47. Discovery of Asteroid Palisa (237). 30 June. — 48. Discovery and orbit of Comet Barnard. 30 July. (S. C. Chandler, Jr., O. C. Wendell.) — 49. Discovery of Asteroid Palisa (239). 20 Aug. — 50. Discovery of Asteroid Luther (240). 14 Sept. — 51. Discovery of Comet Wolf. 22 Sept. — 52. Orbit Comet Wolf. 23 Sept. (S. C. Chandler, Jr., O. C. Wendell.) — 53. Discovery of Asteroid Palisa (241). 28 Sept. — 54. Discovery of Asteroid Palisa (242); elliptical orbit of Comet Wolf. 15 Oct. (S. C. Chandler, Jr., O. C. Wendell.) — 55. Discovery of Asteroid Palisa (243). 16 Oct. — 1885. 56. Discovery of Asteroid Borrelli (244); discovery of (?) Asteroid Pogson; discovery of Comet 1867 III (Tempel). 14 March. — 57. Discovery of Asteroid Palisa (245); discovery and orbit of Comet Barnard. 14 July. (S. C. Chandler, Jr.) — 58. Discovery of Tuttle's comet. 12 Aug. — 59. Discovery of Comet Brooks; discovery of variable nebula in Andromeda; discovery of Asteroid Peters (249). 3 Sept. — 60. Discovery of Asteroid Palisa (250); Orbit Comet Brooks. 8 Sept. (S. C. Chandler, Jr., O. C. Wendell.)

All the Special circulars (not the International) are reprinted in the next succeeding Science Observer as a matter of record.

17. Science Observer international circulars. 1 March, 1883—15 July, 1885; nos. 6–12.

These are published in Europe and contain orbits of comets computed in this country and telegraphed abroad; they are a foreign edition in German of some of the Science Observer special circulars.

Contents: 1883. 6. Orbit Comet Brooks. 1 March. — 7. Orbit Comet Brooks. 15 Sept. — 8. Identity of Comet Brooks and Comet of 1812. 21 Sept. — 1884. 9. Orbit of Comet Barnard. 31 July. — 10. Orbit of Comet Wolf. 23 Sept. — 11. Elliptic orbit of Comet Wolf. 14 Oct. — 1885. 12. Orbit of Comet Barnard, 15 July.

No. 7 was published in Vienna, the others in Berlin. The orbits were computed by S. C. Chandler, Jr.

John Robinson.

Assistant in the Arnold Arboretum, 1880–1881.

1. Flora of Essex county, Massachusetts. (Occasional publication of the Essex Institute.) Salem. 1880. pp. 200.

2. Ornamental trees for Massachusetts plantations. Read at the winter meeting of the State Board of Agriculture, Dec. 1880. [From the *Twenty-eighth annual report of the secretary of the State Board of Agriculture.*] Boston. 1881. 8°. 23–48.

3. Our trees in winter. *Bull. Essex Inst.* (Salem), 1881; xii. 38–51.

4. Ornamental arboriculture. *Trans. Mass. Horticult. Soc.*, 1881; pp. 155–179.

5. Progress of botany in Essex county, Mass., during the last half century, especially as influenced by the Essex County Natural History Society and the Essex Institute. *Bull. Essex Inst.*, 1884; pp. 122–133.

6. Report of the committee on forest trees in Essex county. *Proc. Essex Agricult. Soc.*, 1884.

7. The native woods of Essex county. Published with the *Seventeenth report of the Peabody Acad. of Sciences* (Salem), 1884.

William Augustus Rogers.

Assistant Professor of Astronomy, 1877——.

1. On a convenient method of expressing micrometrically the relation between English and metric units of length on the same scale. *Proc. Am. Assoc. for advancement of Science*, Aug. 1881; xxx. 116.

2. On a method of reducing different catalogues of stars to a homogeneous system. *Ibid.*, xxxi. 11.

3. On the performance of a new form of level invented by Mr. John Clark of the U. S. Coast Survey. *Ibid.*, xxxi. 14.

4. Plane *v.* cylindrical surfaces. *Mechanics*, No. 31, p. 90.

5. A study of the problem of fine rulings with respect to the limits of naked eye visibility and microscopic resolution. *Am. Monthly Microscop. Journ.*, Sept. 1882; p. 165.

6. A comparison of the Harvard College Observatory catalogue of stars for 1875.0 with the fundamental systems of Auwers, Safford, Boss, and Newcomb. *Mem. Am. Acad.*, x. 389–429.

7. On the conditions of success in the construction of standards of length and in their subdivision into equal parts. Read before the American Society of Microscopists at the meeting held at Elmira, N. Y., Aug. 1882. *Mechanics*, Oct. 27, 1882 and later.

8. On a method of determining the index error of a meridian circle at any instant, depending upon the observed polar distance of Polaris. *Proc. Am. Acad.*, xviii. 284.

9. Studies in metrology. *Ibid.*, xviii. 287.

10. On the reduction of different star catalogues to a common system. *Ibid.*, xviii. 399. Also *Astronomische Nachrichten*, cvi. 257.

11. A study of the centimeter marked "A," prepared by the U. S. Bureau of Weights and Measures for the committee on micrometry. *Proc. Am. Soc. of Microscopists*, 1883; p. 184.

12. A critical study of the action of a diamond in ruling lines upon glass and metals. *Ibid.*, p. 149.

13. Note on probable errors. *Ibid.*

14. Vice-President's address, "Section A," On the German survey of the northern heavens. *Proc. Am. Assoc. for the advancement of Science*, 1883, p. 53.

15. Phases of denominational life. President's address at the Seventh Day Baptist general conference, 1883. *Seventh Day Baptist Quarterly*, Jan. 1884; p. 45.

16. A layman's view of the revised version of the New Testament. *Ibid.*, Jan. 1884, p. 102; April, 1884, p. 60.

17. Centennial history of the Seventh Day Baptist church at Waterford, Conn. Pamphlet.

18. On a new form of section cutter. *Proc. Am. Soc. of Microscopists*, 1884; p. 191.

19. Additional observations confirming the relation: metre des archives = imperial yard + 3.37027 inches. *Proc. Am. Assoc. for advancement of Science*, xxxiii. 117.

20. Catalogue of 1213 stars observed at the Astronomical Observatory of Harvard College, with the meridian circle, during the years 1870 to 1879, and prepared for publication under the direction of Joseph Winlock and Edward C. Pickering, successive directors of the Observatory. [Extracted from volume xv. of the Annals, (not yet published.)] Cambridge. 1884. pp. vii., 93.

21. On the regraduation of the Harvard College meridian circle *in situ*. *Sidereal Messenger*, Dec. 1884.

22. On a practical solution of the perfect screw problem. *Trans. Am. Soc. of Mechanical Engineers*, vol. v.

23. On the determination of the absolute lengths of eight Rowland gratings. *Proc. Am. Micros. Soc.*, 1885; p. 151.

24. An examination of the standards of length constructed by the Société Génevoise. *Proc. Am. Acad.*, xx. 379.

Thomas Morgan Rotch.

Clinical Instructor in Diseases of Children, 1878–1885; *Instructor in Diseases of Children*, 1885——.

1–9. In the *Boston Medical and Surgical Journal:* 1. Two cases of temporary aphasia. 19 May, 1881; civ. 462. — 2. A case of intussusception. 6 April, 1882; cvi. 322. — 3. A case of lobular pneumonia. *Ibid.* — 4. A case of thrombosis of the posterior cerebral sinus. 26 Oct. 1882; cvii. 174. — 5. Acute infantile peritonitis. 22 March, 1883; cviii. 268. — 6. A case of malformation of vagina simulating extrophy of the bladder, with lobar pneumonia. 7 Feb. 1884; cx. 132. — 7. The effect of our sudden and repeated climatic changes upon children (editorial). 22 Jan. 1885; cxii. 91. — 8. A case of cancer of the head of the pancreas. 19 Feb. 1885; cxii. 175. — 9. Reports on recent progress in the diseases of children. 19 Jan. 1882; cvi. 57, — 25 Jan. 1883; cviii. 80, — 2 Aug. 1883; cix. 108, — 17 April, 1884; cx. 364, — 4 Dec. 1884; cxi. 534, — 14 May, 1885; cxii. 472.

Josiah Royce.

Instructor in Philosophy, 1882–1884; *Instructor in Philosophy and Forensics*, 1884–1885; *Assistant Professor of Philosophy*, 1885——.

1. The freedom of teaching. *Overland Monthly*, Sept. 1883; 2d series, ii. 235–240.

2. Some recent studies on ideas of motion. (Review of Dr. S. Sticker's "Studien ueber die Bewegungs-Vorstellungen.") *Science*, 30 Nov. 1883; ii. 713–717.

3. Review of Sydney Hodges's "After-images." *Ibid.*, 14 March, 1884; iii. 321.

4. Coues's "Biogen." *Ibid.*, 20 May, 1884; iii. 661–664.

5. The religious aspect of philosophy. Boston. 1885. 8°. pp. 484.

6. The squatter riot of 1850 in Sacramento. *Overland Monthly*, Sept. 1885; 2d series, vi. 225–246.

Charles Robert Sanger.

Assistant in Organic Chemistry, 1881——.

1. Table of logarithms of numbers and chemical factors for use in quantitative analysis. Cambridge. 1882.

2. Ueber die Einwirkung von salpetrigsaurem Kali auf die Mucobromsäure. With H. B. Hill. *Berichte d. deutsch. chem. Gesellsch.*, 1882; xv. 1906.

3. Ueber substituirte Brenzschleimsäure. With H. B. Hill. *Ibid.*, 1884; xvii. 17–59.

4. On brompyromucic acids. With H. B. Hill. *Proc. Am. Acad.*, 1885; xxi. 135.

Nos. 2–4 belong to the series *Contributions from the chemical laboratory of Harvard College.*

Charles Sprague Sargent.

Arnold Professor of Arboriculture, 1879——. *Director of the Arnold Arboretum*, 1872——.

1. A treatise on pruning forest and ornamental trees. Translated from the French of A. De Cars. Published by the Mass. Society for Promoting Agriculture. Boston. 1881. 8°. Also London. 1883. 8°.

2. Notes on North American forests. *Gardiner's Chronicle* (London), 1881; xvi. 7.

3. Forestry bulletins published by the U. S. Census Bureau, nos. 1–25. 1881–1883. 4°.

4. The protection of forests. *North Am. Review*, Oct. 1882; cxxxv. 386–401.

5. Northern transcontinental survey map. Bulletin no. i. Forests of the Yakima region, W. T. New York. 1883. f°.

6. Forests of North America. *Appleton's Cyclopaedia*. New edition. Vol. vii. 847–864.

7. Report on the forests of North America (exclusive of Mexico). Washington. 1884. 4°. pp. ix. 613, *maps* 39. Atlas to the same. Washington. 1884. f°. *Maps* 16. [Final report of the tenth census of the United States, vol. ix.]

8. Forest fires. *Thirty-first annual report of the Sec. of Mass. State Board of Agricult.* Boston. 1884. 8°.

9. Botanical papers of George Engelmann. *Botanical Gazette*, 1884; ix. no. 9.

10. George Engelmann (obituary). *Science*, 4 April, 1884; iii. 405.

11. Alphonse Lavallée (obituary). *Ibid.*, 4 July, 1884; iv. 10.

12. The woods of the United States. With an account of their structure, qualities, and uses. With geographical and other notes upon the trees which produce them. (American Museum of Natural History. Jesup collection.) New York. 1885. 8°. pp. viii. 203.

13. Report of the forestry commissioner of the State of New York, appointed by the comptroller pursuant to chap. 507, laws of 1884. With a map of the Adirondac plateau. Published by the Legislature. Albany. 1885. 8°.

14. Forestry. *Johnson's Cyclopaedia. 2d and 3d biennial supplement.* New York. 1885. p. 99.

15. Annual report of the director of the Arnold Arboretum to the President and Fellows of Harvard College, for 1880–81—1884–85. 4 reports. 1882–1886. 8°.

These reports are reprinted, with the addition of appendices, from the President's annual reports.

Dudley Allen Sargent.

Assistant Professor of Physical Training, and Director of the Hemenway Gymnasium, 1879——.

1. A swimming bath. *Harvard Register*. Jan. 1881; iii. 41.

2. Handbook of developing exercises. Boston. 1882. 16°. pp. 51.

3. Health and Strength Papers. *Wide Awake: C. Y. F. R. U. Supplement*, 1882–1883; xv.–xvii.

Contents: 1. Strong boys. Oct. 1882; xv. 24. — 2. The reason why. Nov. 1882; xv. 30. — 3. Free exercises. Dec. 1882; xvi. 57. — 4. Home gymnastics. Jan. 1883; xvi. 74. — 5. Work and play. Feb. 1883; xvi. 89. — 6. Measuring our strength with others. March, 1883; xvi. 96. — 7. Walking and running. April, 1883; xvi. 121. — 8. Jumping and leaping. May, 1883; xvi. 136. — 9. Boating and rowing. June, 1883; xvii. 153. — 10. Bathing and swimming. July, 1883; xvii. 168. — 11. Summer gymnastics. Aug. 1883; xvii. 184. — 12. Training for the prize. Sept. 1883; xvii. 200.

4. Physical education in colleges. *North Am. Review*, Feb. 1883; cxxxvi. 166.

5. The exercise suitable for a minister's life. Abstract. *Christian Register*, 15 March, 1883; lxii. 169.

6. In case of accident. Boston. 1884. 16°. pp. 125.

Previously appeared as a series of articles in *Wide Awake: C. Y. F. R. U. Supplement.* — 1. The bones. Oct. 1883; xvii. 17. — 2. The muscles. Nov. 1883; xvii. 33. — 3. The skin. Dec. 1883; xviii. 49. — 4, 5. The blood and its vessels. Jan. 1884; xviii. 65, 80. — 6. The dressing of wounds. March, 1884; xviii. 96. — 7. The stomach. April, 1884; xviii. 112. — 8. The heart. May, 1884; xviii. 128. — 9, 10. The brain. June, 1884; xix. 144, 160. — 11, 12. The lungs. Aug. 1884; xix. 181, 192.

7. The care of the body. *Christian Union*, 7 Feb. 1884; xxix. 125.

8. Physical training. Read before the American Public Health Association, at Detroit, Mich., 14 Nov. 1883. *Public Health: Reports and papers Am. Pub. Health Assoc.*, ix. 116. Also *The Sanitarian*, March, 1884; xii. 189.

9. Physical training in homes and training schools. Read before the American Social Science Association, at Saratoga, N. Y., 4 Sept. 1883. *Journ. of Social Science*, May, 1884; no. xviii. 44.

10. Hints on exercise. *Congregationalist*, 16 Oct. 1884; xxxvi. 352.

11. The evils of the professional tendency of modern athletics. Read before the American Social Science Association at Saratoga, N. Y., 10 Sept. 1884. *Ibid.*, June, 1885; no. xx. 87.

12. Physico-moral education. *Christian Advocate*, 13 Aug. 1885; lx. 518.

13. Practical talks on the theories and principles of physical training. Delivered before the Boston Young Men's Christian Union, 1882–1885.

Brief abstracts of these lectures were given in the daily papers. Subjects and dates were as follows: —

The physical test of man. 31 Oct. 1882. — What is exercise? When and how to take it. 1 Dec. 1882. — The dangers of a small chest, and how to avoid them. 26 Dec. 1882. — Bathing, its uses and abuses. 26 Jan. 1883. — Training, what to do, and what to avoid. The effects of tobacco and alcohol. 23 Feb. 1883. — The internal struggle for existence. 30 March, 1883. — What we learn from physical examinations. 29 Oct. 1883. — The importance of training. 26 Nov. 1883. — Walking as an exercise. 17 Dec. 1883. — The uses of the gymnasium. 28 Jan. 1884. — Athletic sports and competitive games. 25 Feb. 1884. — What shall we eat to get strong? 31 March, 1884. — The facts determined by the physical examinations at the Union gymnasium. 17 Nov. 1884. — The laws of proportion and the importance of harmony in development. 15 Dec. 1884. — The physical effects of various popular exercises, including military drill for the young, practically considered. 19 Jan. 1885. — The weakness of strong men and the moral dangers of athleticism. 16 Feb. 1885. — The best clothing for health and cleanliness. 16 March, 1885. — How to get rest and recreation. 20 April, 1885.

Franklin Haven Sargent.

Instructor in Elocution, 1880–1882.

1. Shall we have an American conservatoire? *Century*, July, 1884; xxviii. 475.

Henry Edwards Scott.

Instructor in History, 1884–1885.

1. The courses of study in history, Roman law, and political economy, at Harvard University. *Methods of Teaching History*. Ed. by G. Stanley Hall. Second edition. Boston. 1885. pp. 167–192.

Samuel Hubbard Scudder.

Assistant Librarian, 1879–1882.

1. Butterflies: Their structure, changes, and life histories, with special reference to American forms. New York. 1881. 8°. pp. 9, 322, *illustr.*
2. The structure and affinities of Euphoberia, Meek and Worthen, a genus of carboniferous myriapoda. *Am. Journ. of Science*, March, 1881; 3d series; xxi. 182–186.
3. List of the orthoptera collected by Dr. A. S. Packard, Jr., in the western U. S. in the summer of 1877. *Rept. U. S. Entomolog. Comm.* II., April, 1881; app. ii. 23–28, *plate* 17.
4. White ants in the American tertiaries. *Harvard University Bulletin*, June, 1881; no. 19, p. 219.
5. Two new British carboniferous insects, with remarks on those already known. *Geol. Mag.* (London), July, 1881; viii. 293–300, *fig.*
6. Basilarchia arthemis. The showiest butterfly of Glen Ellis. *Appalachia*, Dec. 1881; ii. 330–336.
7. The tertiary lake basin at Florissant, Colorado, between South and Hayden Parks. *Bull. U. S. geolog. geogr. surv. Terr.*, Oct. 1881; vi. 279–300, *map.*
8. The same, 2d edition, with additions and alterations. *Twelfth Ann. Rep. U. S. geol. geogr. surv. Terr.*, 1883; pp. 271–293, *map.*
9. Nomenclator zoologicus. An alphabetical list of all generic names that have been employed by naturalists for recent and fossil animals from the earliest times to the close of the year 1879. Part I. Supplemental list [to those catalogued by Agassiz and Marschall, etc.]. Washington. 1882. 8°. pp. 19, 376. Part. II. Universal index. 1884. pp. 2, 340.

Forms *Bulletin of the United States National Museum*, no. 19.

10. A bibliography of fossil insects. 1882. pp. 47. [Bibliographical contributions of Harvard College Library, no. 18. Reprinted from *Harvard University Bulletin*, April, 1880—Oct. 1882.
11. Fragments of the coarser anatomy of diurnal lepidoptera. *Psyche*, 1882; iii. 263–275; 295–298; 307–309; 319–332. Also separately, 24°. pp. 4, 88.
12. Archipolypoda, a subordinal type of spined myriapods from the carboniferous formation. *Mem. Boston Soc. Nat. Hist.*, 1882; iii. 143–182, *plates* 10–13.
13. Fossil spiders. *Harvard University Bulletin*, Jan. 1882; no. 21, pp. 302–308. Also *Field Naturalist* (Manchester, Eng.), Aug. 1882; i. 61–63.
14. The affinities of Palaeocampa, Meek and Worthen, as evidence of the wide diversity of type in the earliest known myriapods. *Am. Journ. of Science*, Sept. 1882; 3d series, xxiv. 161–170. Also *Ann. Mag. Nat. Hist.* (London), Oct. 1882; [5] x. 286–295.
15. A new and unusually perfect carboniferous cockroach from Mazon Creek, Illinois. *Proc. Boston Soc. Nat. Hist.*, 1882; xxi. 391–396.
16. Notes on some of the tertiary neuroptera of Florissant, Colorado, and Green River, Wyoming Terr. *Ibid.*, 1882; xxi. 407–409.
17. Older fossil insects west of the Mississippi. *Ibid.*, 1882; xxii. 58–60.
18. On additional remains of articulates obtained by Dr. Dawson from sigillarian stumps in the coal field of Nova Scotia. *Philos. Trans. Royal Soc.* (London), 1882; pp. 649–650.
19–24. Brief notices. — *Psyche:* 19. Some recent publications on fossil insects, 1880; iii. 138. — 20. Homologies of the cremaster, 1881; iii. 186. — 21. Gosse's observations on the butterflies of North America, 1881; iii. 245–247. — *Proceedings of the Boston Society of Natural History:* 22. On remarkable carboniferous millipedes, 1881; xxi. 122. — 23. On Lithosialis bohemica, 1881; xxi. 167. — 24. On a new species of Scolopendrella, 1882; xxii. 64–65.

Arthur Searle.

Assistant in the Observatory, 1869–1883; *Assistant Professor of Astronomy*, 1883——.

1, 2. Schreiben des Herrn A. Searle an den Herausgeber. *Astronomische Nachrichten*, 27 Jan., 21 May, 1881; xcix. 91, 369. [The subject of the communications is certain zodiacal phenomena.]
3. Photometric measurements of the variable stars *β Persei* and DM. 81° 25, made at the Harvard College Observatory. [E. C. Pickering, Arthur Searle, and O. C. Wendell, observers.] *Proc. Am. Acad.*, April, 1881; xvi. 370.
4. On certain zodiacal phenomena. *Ibid.*, 6 July, 1882; cii. 263.
5. On certain zodiacal phenomena. *Science Observer*, 12 July, 1882; iv. 4.
6. The zodiacal light. *Proc. Am. Acad.*, 1883; xix. 146.
7. The phases of the moon. *Ibid.*, 1884; xix. 310.
8. On Gegenschein and other zodiacal phenomena. *Astronomische Nachrichten*, 18 Aug. 1884; cix. 257.

9. Observations with the meridian photometer during the years 1879–1882. By E. C. Pickering, aided by Arthur Searle and O. C. Wendell. 1884–1885. pp. viii., 512, *plates* 3. *Annals of the Astronomical Observatory of Harvard College*, xiv.

Nathaniel Southgate Shaler.

Professor of Palaeontology, 1869——.

1. Kentucky geological survey. New series. Reports of progress, vol. v. Frankfort, Ky. 8°. — Memoirs, vol. ii. Frankfort, Ky. 4°.

Much of the matter contained in these volumes has been reprinted separately, sometimes with changes and additions.

2. Propositions concerning the classifications of lavas considered with reference to the circumstances of their extrusion. *Anniversary Memoirs Boston Soc. Nat. Hist.* Boston. 1880. 4°.

3. The geology of Boston and its environs. *Memorial History of Boston*. Ed. by J. Winsor. i. Boston. 1880. l. 8°. pp. 1–8.

4. The future of weather foretelling. *Atlantic Monthly*, Nov. 1880; xlvi. 645.

5. Illustrations of the earth's surface. I. Glaciers. With W. M. Davis. Boston. 1881. 4°. *plates*.

6. The island of Campobello. Preliminary report. Cambridge. 1881. l. 8°.

7. A winter journey in Colorado. *Atlantic Monthly*, Jan. 1881; xlvii. 46.

8. On the recent advances and recessions of glaciers. *Proc. Boston Soc. Nat. Hist.*, March, 1881; xxi. 162.

9. The value of university records. *Harvard Register*, April, 1881; iii. 200.

10. Hurricanes. *Atlantic Monthly*, March, 1882; xlix. 330.

11. Improvement of the native pasture lands of the far west. *Science*, March, 1883; i. 186.

12. The floods of the Mississippi valley. *Atlantic Monthly*, May, 1883; li. 653.

13. The American swamp cypress. *Science*, July, 1883; ii. 38.

14. A first book in geology. Designed for the use of beginners. Boston. 1884. 8°.

15. On the origin of kames. *Proc. Boston Soc. Nat. Hist.*, Feb. 1884; xxiii. 36. Also separately.

16. The red sunsets. *Atlantic Monthly*, April, 1884; liii. 475.

17. Altruism. A lecture delivered at the Harvard Divinity School. *Christian Register*, 1 May, 1884.

18. The negro problem. *Atlantic Monthly*, Nov. 1884; liv. 696.

19. Kentucky, a pioneer commonwealth. Boston. 1885. 16°.

20. Humanism in the study of nature. *Science*, 24 July, 1885; vi. 64–66.

21. Professor Shaler has also written many book reviews for the *Atlantic Monthly*, *Nation*, *Science*, *Boston Advertiser*, etc.

Frederick Cheever Shattuck.

Clinical Instructor in Auscultation and Percussion, 1879–1884; *Instructor in the Theory and Practice of Physic*, 1884——.

1. Diseases of the lungs. *Supplement to Ziemssen's Cyclopaedia of the practice of medicine*. New York, 1881.

2. A curious endemic. *Boston Med. and Surg. Journ.*, 27 Oct. 1881; cv. 400.

3. Cirrhosis of the lungs. Enormous cavity, hypertrophy of the right ventricle. *Ibid.*, 23 Nov., 1882; cvii. 489.

4. Till the doctor comes. A series of articles. *Youth's Companion*, 1881, 1882.

5. Two cases from practice. *Boston Med. and Surg. Journ.*, 17 May, 1883; cviii. 460–462.

6. The diagnosis of the so-called "functional murmurs." *Ibid.*, 12 July, 1883; cix. 28–30.

7. A case of multiple sarcoma of the skin successfully treated by hypodermic injections of Fowler's solution. *Ibid.*, cxi. 618.

8. The home treatment of phthisis. *Trans. Am. Climatolog. Assoc.*, 1885. Also *N. Y. Med. Journ.*, 25 Sept. 1885.

9. Half-yearly reports on progress in thoracic disease. *Boston Med. and Surg. Journ.*, Feb. and Aug. 1884 and 1885.

Edward Stevens Sheldon.

Tutor in German, 1878–1881; *Instructor in Modern Languages*, 1881–1884; *Assistant Professor of Romance Philology*, 1884——.

1. The New England pronunciation of *o*. *Trans. Am. Philol. Assoc.* for 1883, vol. xiv. Appendix, p. xix. Cambridge. 1884.

Luther Dimmick Shepard.

Professor of Operative Dentistry, 1879–1882.

1. The Harvard Dental School. *Harvard Register*, April, 1881; iii. 218–221.

John Langdon Sibley.

Librarian Emeritus, 1877–1885.

1. The football burial services in 1880. *Harvard Register*, June, 1881; iii. 329.

2. Biographical sketches of graduates of Harvard University in Cambridge, Massachusetts. Vol. i. 1659–1677. Cambridge. 1881. 8°. pp. viii., 557. — Vol. ii. 1678–1689. Cambridge. 1885. 8°. pp. viii., 457.

Vol. i. was published in 1873.

3. Current necrology of Harvard graduates. *Harvard University Bulletin*, 1882–1885; nos. 22, 23, 24, 26, 27, 28, 30, 31, 32.

4. Annual necrology of Harvard graduates, in the *Boston Advertiser* (and other newspapers), on Commencement day of each year, 1881–1885.

Clement Lawrence Smith.

Assistant Professor of Latin, 1873–1883; *Professor of Latin*, 1883——. *Dean of the College Faculty*, 1882——.

1. Virgil's instructions for ploughing, fallowing, and the rotation of crops. (Georgics I. 43–83.) *Am. Journ of Philol.*, 1881; ii. 425–445.
2. Reports as Dean of the College faculty. *Annual reports of the President*, 1881–1882—1884–1885.

Freeman Snow.

Instructor in Forensics, 1880–1881; *Instructor in Forensics and History*, 1881–1883; *Instructor in Forensics*, 1883–1884.

1. A guide to the study of the constitutional and political history of the United States. 1789–1860. Intended as the basis of a course of lectures or of a course of private study. Cambridge. 1882–1883. 8°.

Edward Knight Stevens.

Assistant in Organic Chemistry, 1882–1883.

1. The electro-motive force of alloys. With J. Trowbridge. *Proc. Am. Acad.*, 1883; xviii. 221–225.
2. On mucophenoxybromic acid. With H. B. Hill. *Ibid.*, 1883; xix. 262. Also *Am. Chem. Journ.*, vi. 187.

Francis Humphreys Storer.

Professor of Agricultural Chemistry, 1870——, *and Dean of the Bussey Institution.*

1. Significance of active nitrogen for grain. *Rural New-Yorker*, Oct. 1880; xxxix. 673.
2. Experiments on gravelled bog-land. *Ibid.*, Oct. 1880; xxxix. 686.
3. Which form of nitrogen is most assimilable by plants? *Ibid.*, Nov. 1880; xxxix. 766.
4. Preservation of apples. *Ibid.*, Nov. 1880; xxxix. 784.
5. Some merits of the ailanthus. *Ibid.*, Dec. 1880; xxxix. 814.
6. Power of woodland to hold water. *Ibid.*, Jan. 1881; xl. 37.
7. Influence of manures upon the potato disease. *Ibid.*, Jan. 1881; xl. 53.
8. Fodder value of frozen potatoes. *Ibid.*, Jan. 1881; xl. 67.
9. The prevention of infection. *Ibid.*, Feb. 1881; xl. 116.
10. Bussey school of agriculture and horticulture. *Harvard Register*, Feb. 1881; iii. 63.
11. Economy of using appetizing food for fattening cattle. *Rural New-Yorker*, April, 1881; xl. 222.
12. Disinfection versus ventilation. *Ibid.*, April, 1881; xl. 241.
13. Worthless compounds of nitrogen in some commercial fertilizers. *Ibid.*, May, 1881; xl. 350.
14. Agricultural education a means of political enlightenment. *Harvard Register*, June, 1881; iii. 332–334.
15. Preservation of brewers' grains. *Rural New-Yorker*, July, 1881; xl. 499.
16. Why blue-grass is so called. *Ibid.*, Aug. 1881; xl. 546.
17. Soft wheat in Germany. *Ibid.*, Sept. 1881; xl. 622.
18. Tree trunks as water conductors. *Ibid.*, Sept. 1881; xl. 662.
19. The Massachusetts law of trespass. *Ibid.*, Oct. 1881; xl. 669.
20. Experiments on the use of wilted potatoes as seed. *Ibid.*, Oct. 1881; xl. 729.
21. Ensilaging night-soil. *Am. Agriculturist*, Nov. 1881; xl. 470.
22. Artificial milk. *Ibid.*, Nov. 1881; xl. 486.
23. Temperature of the body after eating. *Rural New-Yorker*, Jan. 1882; xli. 10.
24. Healthfulness of ensilage. *Ibid.*, Jan. 1882; xli. 59.
25. On the harm done by earth worms. *Cultivator and Country Gentleman*, Feb. 1882; xlvii. 108.
26. Waste of food from non-assimilation. *Am. Agriculturist*, Feb. 1882; xli. 51.
27. Skim-milk and whey. *Rural New-Yorker*, Nov. 1882; xli. 765.
28. Rock disintegration in hot, moist climates. *Science*, Feb. 1883; i. 39.
29. Domestic ducks that fly abroad like pigeons. *Ibid.*, Feb. 1883; i. 67.
30. "Mother of petre" and "mother of vinegar." *Ibid.*, March, 1883; i. 98.
31. A caterpillar-eating hen-hawk. *Ibid.*, March, 1883; i. 168.
32. Experiments on the gases occluded by coke (with D. S. Lewis). *Am. Chem. Journ.*, March, 1883; iv. 409.
33. On the oxidation of cork stoppers and rubber joints. *Ibid.*, April, 1883; v. 68.
34. Robins, sparrows, and earth-worms. *Science*, May, 1883; i. 457.
35. Symmetrical linear figures produced by reflection along a river-bank. *Science*, July, 1883; ii. 37.
36. Fermentation of new-made hay. *Rural New-Yorker*, Sept. 1883; xlii. 555.
37. White bread and brown. *Ibid.*, Nov. 1883; xlii. 772.
38. Phosphatic land-plaster. *Ibid.*, Dec. 1883; xlii. 812.
39. Memoranda of methods employed by fishermen for "barking" and in other ways preserving nets and sails. *Am. Chem. Journ.*, Dec. 1883; v. 440. Also, with slight additions, in *Rep. of U. S. Commissioner of fish and fisheries for* 1882; x. 295.
40. Distribution of fat in the bodies of animals. *Rural New-Yorker*, Dec. 1883; Jan., Feb. 1884; xlii. 6, xliii. 9, 25, 41, 50, 89.
41. Mode of action of shell- and rock-boring mollusks. *Am. Journ. of Science*, July, 1884; 3d series, xxviii. 58.

42. Obituary notice of Dr. Robert Angus Smith. *Ibid.*, July, 1884; 3d series, xxviii. 79.

43. An item of history, as to the idea of making the parts of guns interchangeable. *Journ. Franklin Institute*, Nov. 1884; cxviii. 385.

44. A popular prejudice: The mad stone. *Science*, Aug. 1885; vi. 163.

45. An elementary manual of chemistry abridged from Eliot and Storer's manual, with the co-operation of the authors, by W. R. Nichols. New editions.

46. Bulletin of the Bussey Institution, Jamaica Plain, Boston. Vol. ii. pt. 4. 1884. Boston. 1884. 8°.

Contents: — 21. Preface. pp. 253–254. — 22. On the results of fodder-analyses of leaves of the yellow- or curled-dock (Rumex crispus), and of sprouts of the common milk-weed (Asclepias Cornuti). pp. 255–260. — 23. Trials to determine the rates at which some fertilizers may be scattered by hand. pp. 261–263. — 24. Experiments on feeding mice with painter's-putty and with other mixtures of pigments and oil. pp. 264–279. — 25. Experiments on feeding plants with the nitrogen of vegetable mould. pp. 280–288. — 26. Experiments on the germination of weed seeds. pp. 289–291. — 27. Description of an attempt to assay soils by the method of sand culture. pp. 292–316. — 28. A special instance of the resistance of clover-seeds to water. pp. 317–323. — 29. Cherry-stones eaten by the domestic pigeon. pp. 324–336. — 30. Notes on certain physical characters of two common grasses. By the late L. S. Ford. pp. 337–342. — 31. Some items of American experience which suggests that potassic fertilizers may perhaps act in several different ways. pp. 343–372.

All the articles except no. 30 were written by Prof. Storer. The annual reports of the Dean of the Bussey Institution will be found in the President's reports.

Frank William Taussig.

Instructor in Political Economy, 1882——.

1. Protection to young industries, as applied in the United States. Cambridge. 1883. 8°. pp. 69.

2. The same. Second ed. New York. 1884. 8°. pp. 72.

3. Introductory note and supplemental chapter to Laveleye's "Elements of political economy." New York. 1884. 8°. pp. 35.

4. The history of the present tariff, 1860–1883. New York. 1885. 8°. pp. 111.

James Bradley Thayer.

Royall Professor of Law, 1873–1883; *Professor of Law*, 1883——.

1. Bedingfield's case — declarations as a part of the res gesta. *Am. Law Review*, Dec. 1880; xiv. 817.—Jan. 1881; xv. 1.—Feb. 1881; xv. 71.

2. Constitutionality of legislation; the precise question for a court. *Nation*, 10 April, 1884; xxxviii. 314.

3. Memorandum on the legal effect of opinions given by judges to the executive and the legislature under certain American constitutions. Boston. 1885. 8°.

This also appears in the appendix to a pamphlet published by Chief Justice C. S. Bradley, of Rhode Island, entitled "*The methods of changing the constitutions of the states, especially that of Rhode Island.*" Boston. 1885.

Joseph Henry Thayer.

Lecturer on Biblical Theology, 1883–1884; *Bussey Professor of New Testament Criticism and Interpretation*, 1884——.

1. An address before the alumni of the Divinity School commemorative of Dr. Ezra Abbot. *Ezra Abbot. Published for the alumni of Harvard Divinity School.* Cambridge. 1884. pp. 73.

2. A tribute to Prof. Ezra Abbot. *Independent*, 27 March, 3 April, 1884. Also *Christian Register*, 3 April, 1884.

3. A notice of Dean Burgon's "The Revision revised." *Andover Review*, April, 1884; i. 45.

4. A notice of the first part of the Prolegomena to Tischendorf's Greek Testament. Eighth edition. *Ibid.*, June, 1884; i. 676.

5. Edited: Notes on Scrivener's "Plain introduction to the criticism of the New Testament, third edition." Chiefly from memoranda of the late Prof. Ezra Abbot, D.D., LL.D. With additions from Profs. Harris and Warfield and Dr. C. R. Gregory. [Critical appendix to the Andover Review, vol. iii.] Boston, etc. 1885. 8°.

Robert Ellis Thompson.

Lecturer on Protective Tariffs, 1884–1885.

1. Protection to home industry. Four lectures delivered in Harvard University, January, 1885. New York. 1886. 8°. pp. (6), 109.

William Hopkins Tillinghast.

Assistant in charge of the Ordering Department at the Library, 1882——.

1. Notes on the historical hydrography of the Handkerchief Shoal in the Bahamas. Cambridge. 1881. pp. (8). [Bibliographical contribution, no. 14. Reprinted from *Harvard University Bulletin*, Oct. 1881, no. 20, pp. 258–263.]

2. Epitome of ancient, mediaeval, and modern history, by Carl Ploetz. Translated, with extensive additions, by Wm. H. Tillinghast. Boston, etc. 1884. 8°. pp. xii., 618.

A second and third edition have appeared (1884, 1885), each revised and corrected.

3. Edited: Catalogus senatus academici Collegi Harvardiani, et eorum qui muneribus et officiis praefuerunt, quique honoribus academicis donati sunt, in universitate quae est Cantabrigiae in civitate Massachusettensium. Cantabrigiae. 1885. 8°. pp. xlii., 144, 122, 78.

Crawford Howell Toy.

Hancock Professor of Hebrew and other Oriental Languages, and Dexter Lecturer on Biblical Literature, 1880——.

1. The study of Arabic. *Harvard Register*, Oct 1880; i. 212.

2. The home of the primitive Semitic race. *Trans. Am. Philol. Assoc.*, 1881; xii. 26–51.
3. History of the religion of Israel. Boston. 1882. 18°. pp. xvii., 150.
4. The same. Second ed. Boston. 1883. 18°. pp. xvii., 155.

Third edition, 1884, has the same number of pages as the second.

5. Quotations in the New Testament. New York. 1884. 8°. pp. xliv., 321.
6. The Masoretic vowel-system. *Hebraica* (Chicago), Jan. 1885; i. 137.
7. Date of the Korah-Psalms. *Journal of the Soc. of Biblical Literature and Exegesis*, June and Dec. 1884; pp. 80–92.

John Trowbridge.

Professor of Physics, 1880——.

1. Physical research at Harvard University. *Harvard Register*, Dec. 1880; i. 240.
2. Effect of cold on magnetism. *Am. Journ. of Science*, 1881; xxi. 316.
3. Suggestions of subjects for students' work in physics [nos. 18–30]. *Harvard Library Bulletin*, Jan. 1881; no. 17, p. 94.
4. Extension of the signal service. *Harvard Register*, April, 1881; iii. 191.
5. The extension of the signal service. *Popular Science Monthly*, Feb. 1882; xx. 507–511.
6. The Thomson effect. With C. B. Penrose. *Am. Journ. of Science*, Oct. 1882; xxiv. 379–387.
7. On the heat produced in iron and steel by reversals of magnetization. With C. B. Penrose. *Proc. Am. Acad.*, 1883; xviii. 205–209.
8. Influence of magnetism upon thermal conductivity. With C. B. Penrose. *Ibid.*, 210–213.
9. Papers on thermo-electricity. No. i. With C. B. Penrose. *Ibid.*, 214–220.
10. The electro-motive force of alloys. With E. K. Stevens. *Ibid.*, 221–225.
11. The boundary line between science and religion. *Christian Register*, 1 March, 1883.
12. The new physics. A manual of experimental study for high schools and preparatory schools for college. New York. 1884. 16°. pp. xix., 367, *illustr.*
13. Heat produced in iron and steel by reversals of magnetization. With W. N. Hill. *Am. Journ. of Science*, Jan. 1884; 3d series, xxvii. 58–64.
14. Progress of electrical science during 1883. *Science*, 29 Feb. 1884; iii. 258–261.
15. Thunder storms. *Ibid.*, 1 Aug. 1884; iv. 97–99.
16. Atmospheric electricity. *Ibid.*, 29 Aug. 1884; iv. 164.
17. On telegraphing without a cable. *Ibid.*, 19 Sept. 1884; iv. 297.
18. What is electricity? Address before section B. of the American Association for the advancement of Science. 4 Sept. 1884. *Popular Science Monthly*, Nov. 1884; xxvi. 76–88.
19. Measurement of strong electrical currents. *Am. Journ. of Science*, 1885; 3d series, xxix. 236.
20. Elasticity of ice. *Ibid.*, 349.
21. Application of photography to electrical measurements. *Ibid.*, 371.
22. Alternating currents. *Ibid.*, 377.
23. The effect of temperature on the permeability of iron and cobalt. With A. L. McRae. *Proc. Am. Acad.*, 1885; xx. 462–472.
24. A standard of light. *Ibid.*, 494–499.
25. Recent advance in electrical science. *Science*, 16 Jan. 1885; v. 45–47.
26. The Jefferson physical laboratory. *Ibid.*, 20 March, 1885; v. 229–231, *illustr.*
27. Niagara falls considered as a source of electrical energy. *Ibid.*, 15 May, 1885; v. 401–403.
28. Cause of irregularities in the action of galvanic batteries. With H. V. Hayes. *Am. Journ. of Science*, July, 1885; 3d series, xxx. 34–37.
29. A standard of light. *Ibid.*, Aug. 1885; 3d series, xxx. 128–133.
30. Edited, as associate editor of the American Journal of Science, the physical notices which appear in each number of that journal, 1880–1885.

Nos. 6–10, 23, 24, belong to the series *Contributions from the physical laboratory of Harvard College.*

*** The following articles belong to the series *Contributions from the physical laboratory of Harvard College*, and represent work done by students under the supervision of Prof. Trowbridge. They appeared in the *Proceedings of the American Academy of Arts and Sciences.*

1. A paper on the propagation of magnetic waves in soft iron. By H. Whiting. 1881; xvi. 322–341, *plates* 2.
2. On the spectrum of arsenic. By O. W. Huntington. xvii. 35, *plate* 1.
3. Thermo-electricity — Peltier and Thomson effect. By C. B. Penrose. *Ibid.*, 39.
4. Thermo-electric line of copper and nickel below 0°. By C. B. Penrose. *Ibid.*, 47.
5. Relation between superficial energy and thermo-electricity. By C. B. Penrose. 1885; xx. 417.
6. On a new method for determining the mechanical equivalent of heat. By A. G. Webster. *Ibid.*, 490.

Marshman Edward Wadsworth.

Assistant in Lithology in the Museum of Comparative Zoölogy, 1877——.

1. Notes on the geology of the iron and copper districts of Lake Superior. *Bull. Mus. Comp. Zoöl.*, July, 1880; vii. 1, pp. 1–164, xi., *plates* 6.
2. The appropriation of the name Laurentian by the Canadian geologists. *Proc. Boston Soc. Nat. Hist.*, 1881; xxi. 121, 122.
3. On the lithological character of the palæolithic implements of the valley of the Delaware. *Ibid.*, 146, 147.
4. Some points relating to the geological exploration of the fortieth parallel. *Ibid.*, 243–274.

5. On the relation of the Quincy granite to the primordial argillite of Braintree, Massachusetts. *Ibid.*, 274–277.

6. On the trachyte of Marblehead Neck, Massachusetts. *Ibid.*, 288–294. Also *Harvard University Bulletin*, Oct. 1881; no. 20, p. 267.

7. Minerals of North Carolina. *Am. Naturalist*, 1881, xv. 380–382.

7a. On an occurrence of gold in Maine. *Bull. Mus. Comp. Zoöl.*, May, 1881; vii. 3, p. 181. Also *Harvard University Bulletin*, June, 1881; no. 19, p. 219.

8. A microscopical study of the iron ore or peridotite of Iron Mine Hill, Cumberland, R. I. *Ibid.*, 183–187. Also *ibid.*; also *Proc. Boston Soc. Nat. Hist.*, 1881; xxi. 195–197.

9. A microscopical examination of the Mt. Ktaadn granites. *Ibid.*, June, 1881; vii. 5, pp. 209, 210.

10. A microscopical examination of some tufas from Florissant, Colorado. *Bull. U. S. Geol. Survey*, Sept. 1881; vi. 286. Also [*Hayden's*] *12th ann. rept. U. S. Geol. Survey*, 1883; p. 276.

This article would be more properly entitled "The fossil-bearing shales of Florissant, Col."

11. The argellite and conglomerate of the Boston basin. *Proc. Boston Soc. Nat. Hist.*, 1882; xxii. 131–133.

12. Notes in geology and lithology. *Harvard University Bulletin*, April, 1882; no. 22, pp. 259, 260 [nos. 1–5]. — Oct. 1882; no. 23, pp. 431, 432 [no. 6]. Also *Proc. Boston Soc. Nat. Hist.*, 1881–1882; vol. xxi., *passim*.

Contents: 1. The Marblehead diabase. — 2. Picotite found in the groundmass and feldspar of basalt. — 3. Zirconsyenite from Marblehead. — 4. The Stoneham limestone. — 5. The Braintree argillite and Quincy granite. — 6. On the relations of the so-called felsite to the conglomerate on Central avenue, Milton, Mass.

13. Descriptive catalogue of one hundred thin sections of American and foreign rocks. Boston. 1883. 12°. pp. 20.

14. Our ancestors. An address delivered at the Wadsworth reunion, 13 Sept. 1882. *Two hundred and fifty years of the Wadsworth family in America. By H. A. Wadsworth.* Lawrence, 1883; pp. 35–41.

15. The Wadsworth (Wordsworth) name in England. *Ibid.*, 88–130.

16. Microscopic characters of some South Wales rocks. *Trans. Am. Inst. Mining Engineers*, Feb. 1883; xi. 499–501.

17. Some instances of atmospheric action on sandstone. *Proc. Boston Soc. Nat. Hist.*, 7 Feb. 1883; xxii. 201–203. Also *Science*, 9 March, 1883; i. 146. Also *Am. Journ. of Science*, 1884; 3d series, xxviii. 466, 467.

18. Cross on andesite from Colorado. *Am. Naturalist*, May, 1883; xvii. 520, 521.

19. The Bishopville and Waterville meteorites. *Am. Journ. of Science*, July, 1883; 3d series, xxvi. 32–38, 248. Also *Science*, 20 April, 4 May, 1883; i. 314, 377.

20. Note on the paramorphic origin of the hornblende of the crystalline rocks of the northwest. *Ibid.*, Aug. 1883; 3d series, xxvi. 155.

21. The fortieth parallel rocks. *Proc. Boston Soc. Nat. Hist.*, 1883; xxii. 412–432.

22. Notes on the lithology of the island of Jura, Scotland. *Ibid.*, 1883; xxii. 485–489.

23. Lithological studies. A description and classification of the rocks of the Cordilleras. *Mem. Mus. Comp. Zoöl.*, 1884; xi. 1, pp. xvi., 208 (2), xxxiii., *plates* 8.

24. The lateral secretion theory of ore deposits. *Engineering and Mining Journ.*, 1884; p. 364–366.

25. The theories of ore deposits. *Nation*, 7 Feb. 1884; xxxviii. 123.

26. Methods of instruction in mineralogy. *Popular Science Monthly*, April, 1884; xxiv. 754–759.

27. Lithology of some Cordillerian volcanoes. *Am. Naturalist*, May, 1884; xviii. 526–528.

28. On the evidence that the earth's interior is solid. *Ibid.*, June, July, Aug. 1884; xviii. 587–594, 678–686, 767–778. Also separately, Philadelphia, 1884. 8°.

29. Notes on the rocks and ore deposits in the vicinity of Notre Dame Bay, Newfoundland. *Am. Journ. of Science*, Aug. 1884; 3d series, xviii. 94–104.

30. The azoic system and its proposed subdivisions. With J. D. Whitney. *Bull. Mus. Comp. Zoöl.*, Aug. 1884; vii. 11, pp. xvi., 351–365.

31. Syenite and gabbro in Massachusetts. *Geol. Mag.*, April, 1885; 3d series, ii. 207–210.

32. An olivine-bearing diabase from St. George, Maine. With Q. E. Dickerman. *Proc. Boston Soc. Nat. Hist.*, 1884; xxiii. 28, 29.

33. On the relation of the "Keweenawan series" to the eastern sandstone in the vicinity of Torch Lake, Mich. *Ibid.*, 1884; xxiii. 172–180. Also *Science*, 2 May, 1884; iii. 553.

34. Some points on the lateral secretion theory of ore deposits. *Ibid.*, 1884; xxiii. 197–208.

35. On a supposed fossil from the copper-bearing rocks of Lake Superior. *Ibid.*, pp. 208–211.

36–65. In *Science:* 36. Notes on rocks and meteorites. 1883, i. 17, 18, 46, 47, 76, 464, 490, 520, 521, 575, 609; ii. 52, 111, 380, 381, 446, 629, 829, 830. — 37. Algae and spray markings. 16 Feb. 1883, i. 39. — 38. The hornblendic granite of Quincy, Mass. 23 Feb. 1883; i. 76. — 39. Meteoric and terrestrial rocks. 9 March, 1883; i. 127–130. — 40. Hunting for lost glaciers with a microscope. i. 177. — 41. Keweenaw-Point geology. 16 March, 1883; i. 248, 249. — 42. The Cranbourne meteoric iron. 13 April, 1883; i. 285, 286. — 43. United States geologists, sandstones, and the Keweenawan series. 20 April, 1883; i. 307. — 44. Lithology of the Eisengebirge. 27 April, 1883; i. 342. — 45. Peruvian stone-quarrying. Ibid., 347. — 46. The Cheviot andesites and porphyrites. 4 May, 1883; i. 368. — 47. The lizard schists and serpentines. 11 May, 1883; i. 402, 403. — 48. Moluscan rock-boring. 18 May, 1883; i. 422. — 49. Hypersthene-andesite. 1 June, 1883; i. 490. — 50. St. David's rocks and universal law. 15 June, 1883; i. 541. — 51. The microscopic evidence of a lost continent. 29 June, 1883; i. 590–592. — 52. Fossil-bearing schists. 20

June, 1883; i. 608, 609.—53. Ocean waters and bottoms. 13 July, 1883; ii. 41–43. — 54. The Potsdam and St. Peter's sandstone. 13 July, 1883; ii. 52. — 55. The Prescott (Arizona) mining region. 20 July, 1883; ii. 86. — 56. Journalistic lithology. 27 July, 1883; ii. 111. — 57. The eruptive rocks of Tryberg, Schwarzwald. 3 August, 1883; ii. 141, 142. — 58. The mineral resources of the United States. 21 Sept. 1883; ii. 413, 414. — 59. The Maine building stones. 14 Dec. 1883; ii. 771, 772. — 60. The Bismuth deposits of Australia. 28 Dec. 1883; ii. 830. — 61. The olivine rocks of North Carolina. 18 April, 1884; iii. 486, 487. — 62. On the parallel development of personal names and natural history nomenclature. 8 Aug. 1884; iv. 109, 110. — 63. Some United States geologists and the propylite question. Ibid., 111. — 64. Volcanic dust east of the Rocky mountains. 24 July, 1885; vi. 63. — 65. The mineral wealth of the United States. 31 July, 1885; vi. 99, 100.

Oliver Fairfield Wadsworth.

Clinical Instructor in Ophthalmoscopy, 1881——.

1. The fovea centralis in man. *Beiträge zur Ophthalmogie als Festgabe Friedrich Horner.* Wiesbaden, 1881.
2. Neuritis after measles. *Trans. Am. Ophthalmolog. Soc.*, 1880; iii. 125.
3. Photograph of the fovea centralis of the retina. *Ibid.*, 174.
4. Optico-ciliary neurotomy. *Ibid.*, 1882; iii. 280. Also, with a few additions, in the *Medical and Surgical Reports of the City Hospital of Boston*, 3d series, 1882, p. 217.
5. Some cases of hysterical affection of vision. *Boston Med. and Surg. Journ.*, 18 Oct. 1883; cix. 368.
6. A case of tuberculosis of the ciliary body and iris. *Trans. Am. Ophthalmolog. Soc.*, 1884; iii. 474.
7. On the apparent curvature of surface produced by prisms. *Ibid.*, 481.
8. Three cases of homonymous hemianopia. *Boston Med. and Surg. Journ.*, 22 May, 1884; cx. 483.
9. A case of myxoedema with atrophy of the optic nerves. *Trans. Am. Ophthalmolog. Soc.*, 1885; iii. 725.
10. Recent progress in ophthalmology. *Boston Med. and Surg. Journ.*, 1881, civ. 344, cv. 441. — 1882, cvi. 517; cvii. 540. — 1883, cviii. 532; cix. 533. — 1884, cx. 556. — 1885, cxii. 83; cxiii. 175.
11. Dr. Wadsworth was one of the editors of the *Medical and Surgical Reports of the Boston City Hospital.* 3d series. Boston. 1882.

Francis Amasa Walker.

University Lecturer on the Resources of the United States, 1882; *on the Tenure of Land*, 1882–1883.

1. American agriculture. *Princeton Review*, May, 1882.
2. Land and its rent. Boston. 1883. 16°.
3. Political economy. New York. 1883. 8°.
4. American manufactures. *Princeton Review*, March, 1883.

John Collins Warren.

Instructor in Surgery, 1871–1882; *Assistant Professor in Surgery*, 1882——.

1. The thick cutis vera. Article in *A Manual of Histology.* Edited by T. E. Satterthwaite, M.D. New York. 1881. 8°.
2. Medical societies: their organization and the nature of their work. An address delivered at the centennial meeting of the Mass. Medical society, 8 June, 1881. *Boston Med. and Surg. Journ.*, 16, 23, 30 June, 1881; civ. 553–558, 580–585, 601–606.
3. Case of President Garfield. *Ibid.*, 17 Nov. 1881; cv. 468–470.
4. Excision of the wrist joint. *Ibid.*, 26 Oct. 1882; cvii. 388–390.
5. Two cases of colotomy. *Ibid.*, 22 Feb. 1883; cviii. 172.
6. Provisional report on healing of arteries after ligature. *Ibid.*, 1 May, 1884; cx. 418.
7. Other reports and brief notices. *Ibid.*, 1880–1885.
8. Healing of arteries after ligature, acupressure, and torsion. Article in *Wood's Reference Handbook of Medical Sciences.* Ed. by A. H. Buck, M.D. New York. 1885.

Joseph Weatherhead Warren.

Assistant in Physiology, 1881——. *Instructor in Oral Pathology and Anatomy*, 1882–1885; *Instructor in Experimental Therapeutics*, 1884–1885.

1. Notes on progress in physiological chemistry. *Boston Med. and Surg. Journ.*, 28 Sept. 1882; cvii. 294–297. — 1 Nov. 1883; cix. 413.
2. Glykogen. *Ibid.*, 23 Aug. 1883; cix. 171–174.
3. Plethysmographische Untersuchungen ueber die Gefässnerven der Extremitäten (with Dr. H. P. Bowditch). *Centralblatt für die Medicinischen Wissenschaften*, 1883; xxi. 513.
4. Register zum i.–xxx. Band des Archivs für die gesammte Physiologie. Bonn. 1885. 8°.
5. Cocaine discs. A convenient form for administration. *Boston Med. and Surg. Journ.*, 29 Jan. 1885; cxii. 105.

Sereno Watson.

Curator of the Herbarium, 1874——; *Instructor in Phytography*, 1881–1884.

1–2. Contributions to American botany: 1. List of plants from southwestern Texas and northern Mexico, collected chiefly by Dr. E. Palmer in 1879–80: I. Polypetalæ. — 2. Descriptions of new species of plants from our western territories. *Proc. Am. Acad.*, 1882; xvii. 316–382.

Also separate issue, as "Contributions to American botany: X." with index. pp. (6). 10 Aug. 1882.

3–4. Contributions to American botany: 3. List of plants from southwestern Texas and northern Mexico, collected chiefly by Dr. E. Palmer in 1879–80: II. Gamopetalæ to Acotyledones. — 4. Descriptions of some new western species. *Ibid.*, 1883; xviii. 96–196.

Also separate issue, as "Contributions to American botany: XI." with index. pp. (3). 15 Aug. 1883.

5–6. Contributions to American botany: 5. A history and revision of the roses of North America. — 6. Descriptions of some new species of plants, chiefly from our western territories. *Ibid.*, 1885; xx. 324–378.

Also separate issue, as "Contributions to American botany: XII." with index. pp. (2). 21 Feb. 1885.

7. Manual of the mosses of North America. By Leo Lesquereux and Thomas P. James. [Revised and edited by Mr. Watson.] Boston. 1884. 8°. pp. 447.

Samuel Gilbert Webber.

Clinical Instructor in Diseases of the Nervous System, 1875——.

1. The pathological histology of the spinal cord. *Med. and Surg. reports of the City Hospital of Boston.* 3d series. 1882. pp. 1–33, *plates* 3.
2. Lead paralysis. *Arch. of Medicine*, Aug. 1882; viii. 24–39.
3. Cases of locomotor ataxia. *Journ. of Nervous and Mental Diseases*, July, 1883; x. 439–448.
4. Multiple neuritis. *Arch. of Medicine*, 1884.
5. A treatise on nervous diseases; their symptoms and treatment. A text-book for students and practitioners. New York. 1885. 8°.

6–15. In the *Boston Medical and Surgical Journal:* 6. Intermittent aphasia (epileptiform attacks) disease of arterioles. 11 Aug. 1881; cv. 130. — 7. A case of diabetes mellitus, recovery under morphia treatment. 22 Sept. 1881; cv. 277. — 8. Paraplegia (paraparesis) from functional weakness. 19 Jan. 1882; cvi. 54–57. — 9. Treatment of vomiting by abstinence from food and medicine. 24 Aug. 1882; cvii. 180. — 10. A case of Bright's disease treated by pilocarpine. 26 Oct. 1882; cvii. 390. — 11. Cerebral anæmia and exhaustion. 2 Nov. 1882; cvii. 415–417. — 12. Abnormal distribution of arteries at base of brain. 7 Dec. 1882; cvii. 543. — 13. Ocular symptoms as localizing symptoms. 8, 15 March, 1883; cviii. 217–220, 244–247. — 14. Two cases of paraphasia, one with autopsy. 20 Dec. 1883; cix. 579–582. — 15. Cases of lesion of the brain cortex attended with unilateral symptoms. 17 Jan. 1884; cx. 49–58.

Barrett Wendell.

Instructor in English, 1880–1881, 1882——.

1. The duchess Emilia. A romance. Boston. 1885. 16°.

Oliver Clinton Wendell.

Assistant in the Observatory, 1880——.

1. Photometric measurements of the variable stars *β Persei* and DM 81°25, made at the Harvard College Observatory. [E. C. Pickering, Arthur Searle, and O. C. Wendell, observers.] *Proc. Am. Acad.*, April, 1881; xvi. 370.
2. Comet (*b*) 1881. *Science Observer*, Aug. 1881; iii. 81.
3. Photometric observations of the satellites of Mars, 1881–1882. [E. C. Pickering and O. C. Wendell, observers.] *Astronomische Nachrichten*, cii. 193.
4. Observations with the meridian photometer during the years 1879–1882. By E. C. Pickering, aided by Arthur Searle and O. C. Wendell. *Annals of the Astronomical Observatory*, xiv. 1884–1885. pp. viii., 512, *plates* 8.

5–13. In the *Astronomische Nachrichten:* 5. Observations of comet (*c*) 1879 (Swift). xcvi. 21. — 6. Observations of comets 1881 v. and 1881 viii. ci. 231. — 7. Observations of comets 1880 iv. and 1881 ii. ci. 299. — 8. Observations of comets 1881 iii. iv. vi. ciii. 145. — 9. Elements of comet 1882, i. civ. 287. — 10. A convenient method of finding or identifying an asteroid. cvi. 205. — 11. Observations of meteors. 6 Dec. 1883; cviii. 433. — 12. Orbits of meteors. cxi. 189. — 13. Comet-meteor radiants. cxii. 321.

See also the contents of the *Science Observer circulars* given under Mr. Ritchie's name.

Henry Nathan Wheeler.

Instructor in Mathematics, 1877–1882.

1. Logarithms. Cambridge. 1882. 12°. pp. 48.
2. Revised and enlarged edition of Warren Colburn's "Intellectual arithmetic." (Mr. Wheeler was joint editor.) Boston. 1884. 16°. pp. 230.
3. Edited the Harvard University Catalogue for 1880–1881—1882–1883. Cambridge. 1880–1882. 8°.

Charles Joyce White.

Assistant Professor of Mathematics, 1870–1885; *Professor of Mathematics*, 1885——. *Registrar of the College Faculty.*

1. The elements of theoretical and descriptive astronomy, for the use of colleges and academies. Fifth edition, revised. New York. 1885. sm. 8°.

The first edition appeared in 1869.

James Clarke White.

Professor of Dermatology, 1871——.

1. Obituary of Professor Hebra. *Boston Med. and Surg. Journ.*, 9 Sept., 1880; ciii. 258.
2. The use of electrolysis in the treatment of hirsuties. *Ibid.*, 5 May, 1881; civ. 412.
3. Some of the causes of infantile eczema and the necessity of mechanical restraint in its treatment. *Ibid.*, 20 Oct. 1881; cv. 365.
4. The surgical diseases of the skin. In *Wood's Internat. Encyclopaedia of Surgery.* New York. 1881.

5. Chairman's address at the centennial celebration of Mass. Medical Society. *Trans. Mass. Med. Soc.*, 1881.

6. The limitations of internal therapeutics in skin diseases. *Arch. of Dermatology*, April, 1882; viii. 120–125.

7. The question of contagion in leprosy. *Am. Journ. of Med. Sciences*, Oct. 1882; new series, lxxxiv. 433–454. Also separately.

8. Leprosy. In *Pepper's System of Practical Medicine*. Philadelphia. 1885.

9. The old age of the skin. *Boston Med. and Surg. Journ.*, 23 Nov. 1882; cvii. 484–487.

10. Review of Hyde's "Diseases of the skin." *Am. Journ. of Med. Sciences*, July, 1883.

11. Unilateral chromidrosis. *Journ. of cutaneous and venereal diseases*, Oct. 1884.

12. Arsenical dermatitis. *Boston Med. and Surg. Journ.*, 6 Nov. 1884; cxi. 433–435.

13. Psoriasis — verruca — epithelioma; a sequence. *Am. Journ. of Med. Sciences*, Jan. 1885. Also separately. 8°. pp. 10.

John Williams White.

Assistant Professor of Greek, 1877–1884; *Professor of Greek*, 1884——.

1. The Greek play at Harvard. *Harvard Register*, June, 1881; iii. 336–339.

2. The realia of Greek literature. *Addresses before the Mass. Classical and High School Teachers' Association*, 1883.

3. The question of a division of the philosophical faculty. By Dr. A. W. Hofmann. Second edition, with an appendix containing two opinions on the admission to the [Berlin] University of graduates of *Realschulen*. Boston. 1883. 16°. pp. viii., 17.

The full title will be found on p. 9. Professor White wrote the preface and revised the translation.

4–6. College series of Greek authors, edited under the supervision of John Williams White, Lewis R. Packard, and Thomas D. Seymour. Boston. 1884, 1885. sq. 8°.

4. *Sophocles' Antigone*, edited by Martin L. D'Ooge. (Text edition of the same.) — 5. *Aristophanes' Clouds*, edited by M. W. Humphreys. (Text edition of the same.) — 6. *Plato's Apology of Socrates, and Crito*, edited by Louis Dyer. (Text edition of the same.)

7, 8. College series of Greek authors, edited under the supervision of John Williams White and Thomas D. Seymour. Boston. 1885. sq. 8°.

7. *Euripides' Bacchantes*, edited by J. T. Beckwith. (Text edition of the same. — 8. *Introduction to the language and verse of Homer*, edited by T. D. Seymour.

Harold Whiting.

Assistant in Physics, 1881–1883; *Instructor in Physics*, 1883——.

1. A paper on the propagation of magnetic waves in soft iron. (Contributions from the physical laboratory of Harvard College.) *Proc. Am. Acad.*, 1881; xvi. 322–341, *plates* 2.

2. A new theory of cohesion applied to the thermodynamics of liquids and solids. *Ibid.*, 1884; xix. 358–431, tables, pp. 33. Also separately.

3. Syllabus of a hundred physical measurements. A two years' course for the use of the Jefferson Physical Laboratory. Cambridge. 1885. sm. 4°.

Charles Otis Whitman.

Assistant in Zoölogy, 1882——.

1. A rare form of the blastoderm of the chick, and its bearing on the question of the formation of the vertebrate embryo. *Quart. Journ. Microscop. Science* (London), July, 1883; xxiii. 376.

2. The advantages of study in the Naples zoölogical station. *Science*, 27 July, 1883; i. 93–97.

3. On the development of some pelagic fish eggs. Preliminary notice. With A. Agassiz. (Contributions from the Newport marine zoölogical laboratory, xiv.) *Proc. Am. Acad.*, Aug. 1884; xx. 23–73, *plate*.

4. The external morphology of the leech. (Contributions from the zoölogical laboratory of the Museum of Comparative Zoölogy, iv.) *Ibid.*, Sept. 1884; xx. 76–87, *plate*.

5. The segmental sense-organs of the leech. *Am. Naturalist*, Nov. 1884; xviii. 1104.

6. The development of osseous fishes. i. The pelagic stages of young fishes. (Studies from the Newport marine zoölogical laboratory, xvi.) *Mem. Mus. Comp. Zoöl.*, 1885; xiv. 1, pt. i. pp. (2), 56, *plates* 19.

7. Methods of research in microscopical anatomy and embryology. Boston. 1885. 8°.

8. Edited the department of microscopy in the *American Naturalist* since January, 1883.

Josiah Dwight Whitney.

Sturgis-Hooper Professor of Geology, 1875——.

1. The climatic changes of later geological times: a discussion based on observations made in the Cordilleras of North America. *Mem. Mus. Comp. Zoöl.*, 1880–82; vii. 1, pp. xiv., 394.

2. The California geological survey. *Harvard Register*, April, 1881; iii. 202–204.

3. Geology of California. Vol. II. Appendix. (In continuation of the publications of the Geological Survey of California.) Cambridge. 1882. l. 8°. pp. 148.

4. List of American authors in geology and palaeontology. (Bibliographical contributions reprinted from the Harvard University Bulletin, no. 15.) 1882. pp. 11.

5. The water birds of North America. By S. F. Baird, T. M. Brewer, and R. Ridgway. Issued in continuation of the publications of the Geological Survey of California. J. D. Whitney, state geologist. Vol. i., ii. Boston. pp. xii., 537; (6), 522. *Woodcuts* 457, in part colored. *Mem. Mus. Comp. Zoöl.*, 1884; xli., xlii.

6. The azoic system and its proposed subdivisions. With M. E. Wadsworth. *Bull. Mus. Comp. Zoöl.*, Aug. 1884; vii. 11, pp. xvi., 331–565.
7. The earth's treeless regions. *Science for all*, vol. v. London. 1885. pp. 124–133.
8. Lake Mistassini. *Science*, 2 Jan. 1885; v. 8–10.

William Fiske Whitney.

Curator of the Warren Anatomical Museum, 1879——.

1. Microscopic examination of portions of lung from American cattle killed in Liverpool, said to be affected with pleuro-pneumonia. In Prof. Lyman's Third report to Comm. of Agricult. *Ann. rept. Comm. of Agricult. for* 1880. Washington. 1881. 8°. pp. 575–579, *plates* 7.
2. The characteristic appearances of wounds of the intestines made during life. *Boston Med. and Surg. Journ.*, 21 July, 1881; cv. 54.
3. The inoculability of tuberculosis. *Ibid.*, 21 July, 1881; cv. 75–79.
4. On the existence of syphilis in America before the discovery by Columbus. *Ibid.*, 19 April, 1883; cviii. 365.
5. A case of actinomycosis in a heifer. *Ibid.*, 5 June, 1884; cx. 532.
6. Reports on recent progress in pathology and pathological anatomy. *Ibid.*, 1, 8 Dec. 1881; cv. 515, 536. — 18, 25 May, 1882; cvi. 462, 487. — 16, 30 Nov. 1882; cvii. 464, 513. — 17, 24 May, 1883; cviii. 463, 488. — 15, 29 Nov. 1883; cix. 491, 511. — 8, 15, 22 May, 1884; cx. 438, 462, 487. — 20, 27 Nov. 1884; cxi. 487, 511. — 28 May, 18 June, 1885; cxii. 524, 597.

Edward Newton Whittier.

Assistant in Clinical Medicine, 1877–1881; *Instructor in the Theory and Practice of Physic*, 1881–1884; *Assistant Professor of Clinical Medicine*, 1884——.

1. Changes in the system of medical education. *Boston Med. and Surg. Journ.*, 27 Sept. 1883; cix. 289–292.
2. Abdominal tumors in children; six cases. *Ibid.*, 29 Nov. 1883; cix. 505–508.

Edward Wigglesworth.

Clinical Instructor in Syphilis, 1875–1881.

1. Digest of literature, new formations. *Arch. of Dermatol.*, Jan. 1881.
2. A new urethal syringe at last. *Boston Med. and Surg. Journ.*, 3 March, 1881; civ. 203.
3. Buccal ulcerations of constitutional origin. *Arch. of Dermatol.*, Jan. 1882. Also separately.
4. Purpura after quinine. *Boston Med. and Surg. Journ.*, 20 Dec. 1883; cix. 587.
5. Reports on the progress of dermatology. *Ibid.*, 7, 21 Oct. 1880; ciii. 346, 393. — 28 April, 1881; civ. 392. — 17 Nov. 1881; cv. 467.
6. Numerous reviews and book-notices in the *Boston Medical and Surgical Journal.*

Charles Herbert Williams.

Instructor in Ophthalmology in the School of Veterinary Medicine, 1884——.

1. An alloplastic operation. *Boston Med. and Surg. Journ.*, 14 Aug. 1884; cxi. 159.
2. Ocular anaesthesia produced by cocaine. *Ibid.*, 6 Nov. 1884; cxi. 440.
3. The use and care of the eyes, especially during school years. Boston. 1885.

Francis Henry Williams.

Instructor in Materia Medica in the Medical School, 1884–1885; *Instructor in Materia Medica and Therapeutics*, 1885——.

1. Ueber die Ursache der Blutdrucksteigerung bei der Digitalinwirkung. *Arch. f. experiment. Path. u. Pharmakol.*, 1880; xiii. 1.
2. Ueber acute Eisenwirkung. With Professor Meyer. *Ibid.*, 70.
3. A method for evacuating and irrigating the bladder and other parts. *Boston Med. and Surg. Journ.*, 30 June, 1881; civ. 610–612.
4. A study of the action of iron. *Ibid.*, 3 Aug. 1882; cvii. 105–108.
5. Reports on the progress in therapeutics. *Boston Med. and Surg. Journ.*, 20, 27 Sept. 1883; cix. 276, 296. — 22 Sept., 2 Oct. 1884; cxi. 300–324.
6. A text-book of pharmacology, therapeutics, and materia medica, by T. Lauder Brunton, M.D., F.R.S., adapted to the United States Pharmacopoeia by Francis H. Williams, M.D. Philadelphia. 1885.

Henry Willard Williams.

Professor of Ophthalmology, 1871——.

1. Continued toleration of foreign bodies within the eyeball for fifteen years and for twenty-two years. *Boston Med. and Surg. Journ.*, 27 Jan. 1881; civ. 84.
2. Addresses at Harvard College and at the dinner on the centennial anniversary of the Massachusetts Medical Society. *Ibid.*, 23 June, 1881; civ. 588.
3. The diagnosis and treatment of diseases of the eye. Boston. 1882. 8°.
4. Orbital cellulitis as a sequel of facial erysipelas. *Boston Med. and Surg. Journ.*, 18 Jan., 1883; cviii. 51–53.
5. Address on the one hundredth anniversary of the foundation of the Medical School of Harvard University, 17 Oct. 1883. *Addresses and exercises at the one hundredth anniversary.* Cambridge. 1884. 8°. p. 48.
6. Apparent and real amaurosis. *Boston Med. and Surg. Journ.*, 18 Dec. 1884; cxi. 577–580.

Justin Winsor.

Librarian of the University, 1877——.

1. The memorial history of Boston, including Suffolk Co., Mass., 1630–1880. Vol. ii.–iv. Boston. 1881, 1882. 4°.

Editor, and writer of the following sections: —
1. Estates, sites and maps of Boston. Vol. ii. pp. i.–lviii.
2. Maps of the revolutionary period. Vol. ii. pp. i.–xii.
3. Libraries in Boston. Vol. iv. 279–294.
4. Supplementary notes to the following chapters: Siege of Boston (iii. 101–118); Life in Boston in the revolutionary period (iii. 175–188); Topography and landmarks of the last hundred years (iv. 64–68).

2. Halliwelliana: a bibliography of the publications of James Orchard Halliwell-Phillips. (Bibliographical contributions of the Harvard College Library, no. 10.) 1881. pp. 30.

3. Governor Bradford's MS. history of Plymouth Plantation. Cambridge. 1881. 8°.

Reprinted from the *Proc. Mass. Hist. Soc.*, Nov. 1881; xix. 106–122.

4. Massachusetts. Boston. 1882. 16°.

This was printed to secure copyright and was subsequently embodied in the 9th ed. of the *Encyclopaedia Britannica*.

5. Memoir of the Hon. Solomon Lincoln. *Proc. Mass. Hist. Soc.*, Sept. 1882; xix. 381–384.

6. Address at the dedication of the library at the University of Michigan. Ann Arbor. 1883. 8°.

7. Bibliography of Ptolemy's Geography. (Bibliogr. contrib. no. 18.) Cambridge. 1884. 8°. pp. 42.

8. The Kohl collection of early maps. *Incomplete.* (Bibliogr. contrib. no. 19.) *Harvard University Bulletin*, nos. 26—; Oct. 1883—.

9. President's annual address before the American Library Association, 1881–1883. *Library Journal*, April, 1881; vi. 63, 64 (Washington conference, Feb. 1881); — July, Aug. 1882; vii. 123, 124 (Cincinnati conference, May, 1882); — Sept., Oct. 1883; viii. 163–165 (Buffalo conference, Aug. 1883).

10. Edited the Library and Harvard University Bulletin, nos. 16–31; Oct. 1880—May 1885.

Mr. Winsor is the author of a number of bibliographical and cartographical notes in the Bulletin.

11. Edited Bibliographical contributions republished from the Bulletin of Harvard University, nos. 7, 8, 10, 12–16, 18, 20. (See p. 4.)

12. Third—eighth (1880–1885) report of the Library of Harvard College.

Included in the annual report of the President, and also printed separately.

John Eliot Wolff.

Assistant in Geology, 1881–1882.

1. The great dike at Hough's Neck, Quincy, Mass. *Bull. Mus. Comp. Zoöl.*, July, 1882; vii. 231–242.

2. Notes on the petrography of the Crazy Mts., and other localities in Montana Territory. (Northern Transcontinental Survey, Raphael Pumpelly, Director.) Heidelberg. 1885. 8°. pp. 19.

3. The use of building stone in Boston. *Tenth Census of the United States. Final Reports*, vol. x. Washington. 1885. pp. 282–292.

4. Nephelingesteine in den Vereinigten Staaten. *Neues Jahrbuch für Mineralogie*, 1885; p. 69.

Edward Stickney Wood.

Professor of Chemistry, 1876——.

1. The average daily amount of urine: its importance in diagnosis. *Boston Med. and Surg. Journ.*, 6 Jan. 1881; civ. 25–27.

2. Arsenic as a domestic poison. *Fifth ann. report of the State Board of Health, Lunacy and Charity of Mass. Supplement, containing the report and papers on public health.* Boston. 1884. 8°. pp. 213–267, with 36 *samples.*

3. Wharton and Stillé's "Medical jurisprudence." 4th ed. Edited by Robert Amory, A.B., M.D., and Edward S. Wood, A.M., M.D. Vol. ii. Poisons. Philadelphia. 1884.

4. Reports upon the adulteration of food in Mass. *Fifth ann. report State Board of Health, Lunacy and Charity. Supplement.* 1884. pp. 113–137; *Sixth report. Supplement.* 1885. pp. 125–142.

Charles Pomeroy Worcester.

Assistant in Chemistry, 1883–1884.

1. On the vapor-density of the chloride, the bromide, and the iodide of antimony. *Proc. Am. Acad.*, 1883; xviii. 61–64.

Belongs to the series *Contributions from the chemical laboratory of Harvard College.*

Abram Van Eps Young.

Assistant in Chemistry, 1884–1885.

1. Review of Thomsen's "Thermochemical researches," vol. ii., iii. *Am. Chem. Journ.*, July, 1884; vi. 202.

2. A thermochemical analysis of the reaction between alum and potassium hydrate. *Proc. Am. Acad.*, June, 1885; xxi. 201–221, *plates* 2.

Belongs to the series *Contributions from the chemical laboratory of Harvard College.*

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Library of Harvard University.

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EDITED BY JUSTIN WINSOR,
LIBRARIAN.

No. 22.

CALENDAR

OF THE

SPARKS MANUSCRIPTS IN HARVARD COLLEGE LIBRARY,

WITH AN APPENDIX SHOWING OTHER MANUSCRIPTS.

By JUSTIN WINSOR.

Republished from the Bulletin of Harvard University.

CAMBRIDGE, MASS.:
Issued by the Library of Harvard University.
1889.

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28. WILLIAM H. TILLINGHAST. Fourth List of Publications of Harvard University and its Officers. 1886–1887.
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30. SHELLEY'S "SKYLARK," a Facsimile of the original manuscript.
31. W. G. FARLOW. Supplemental List of Works on North American Fungi.
32. H. C. BADGER. Mathematical Theses, 1782–1839.

CALENDAR

OF THE

SPARKS MANUSCRIPTS IN HARVARD COLLEGE LIBRARY.

By Justin Winsor, *Librarian of Harvard University.*

*** There is a condensed list of these papers, in the Appendix (pp. 213-230) of *The Catalogue of the Library of Jared Sparks, with a list of the historical manuscripts collected by him and now deposited in the Library of Harvard University:* Cambridge, 1871. This appendix has been heretofore the only key to the contents of the collection, which is kept in a separate case in the Library. The Roman numbers for headings in the present Calendar show the order in which the volumes stand in the case, being arranged alphabetically under four classes, — English, French, Spanish, Miscellaneous. The Preface of the above-named *Catalogue* says of the papers that under Mr. Sparks's will they were made the property of his son, Mr. William Eliot Sparks, with a conditional reversion to Harvard University. Mr. W. E. Sparks has since (Sept. 1886) died. The same account adds that these papers "were collected with intuitive skill and increasing ability during various tours, undertaken since 1819 for the purpose: first in the thirteen original states; often elsewhere in his own enlarged country; three times in prolonged visits to Europe; by means also of his extensive correspondence during the years 1819-1866." Then referring to papers still in the possession of Mr. Sparks's family, the preface goes on to say: "These letters are arranged in sixty large volumes, with a daily index. The Journals of the tours point out the deposits of many unknown treasures; sketching scenes, characters and incidents — thus preserving information and reproducing reminiscences of a period far more remote." This is the material for some future adequate biography of Mr. Sparks, who has, however, already been commemorated in an extended memorial, which was prepared with every advantage of access to his papers, by his friend, the Rev. Dr. George Edward Ellis, for the Massachusetts Historical Society. This appeared first in the *Proceedings* of that society, May, 1868, and then separately as a *Memoir of Jared Sparks, LL.D., by Geo. E. Ellis*, Cambridge, 1869, accompanied by two portraits, one after an unfinished Stuart, painted in 1828; the other the profile of a bust taken later, by Hiram Powers, and "presented to Harvard College by the students under his presidency." There is also a *Memoir* by Brantz Mayer, Baltimore, 1869.

Mr. Sparks's will reads as follows: "My will further is, that my historical manuscript papers, bound in volumes, shall be kept together in a case by themselves, and shall become the property of my said son, when he arrives at the age of twenty-one years; and my request is that he or (in case of his death before he arrives at the age of twenty-one years) my said wife will ultimately give them to the Library of Harvard College, at such time as he or she may choose; or if such transfer shall not be made before the death of my said wife and son, then my will is, that my executors shall give them to the said library, on the express conditions that the said manuscripts shall always be kept together in one case, and be open to the inspection of such persons as are authorized to consult books in said library under such rules as will secure their safe and careful preservation, and that no part of them shall ever be allowed to be taken out of the library building." On July 2, 1866, the Corporation received the manuscripts in advance of the deaths of the legatees, "subject to the terms of the will, the control and property being reserved according to its conditions and during the life of the present legatees."

I.

Ainslie's Journal, 1775. Small quarto. "From the manuscripts of George Chalmers. Bought in London, 1843." The title page, which is marked "Thos. Ainslie" in an upper corner reads: *Journal of the most remarkable occurrences in the Province of Quebec from the appearance of the Rebels in September, 1775, until their retreat of the sixth of May. Sit mihi fas audita loqui.* Virgil. *1776.*

The MS. begins with transactions of the summer of 1775, and becomes a daily record Dec. 1. On the 30th the story of an Irish deserter from the rebels is given. A full account is given of the attack on the night following Dec. 31st. On Jan. 1, 1776, "Two deserters came in to-day. On their report that Mr. Montgomery is missing, the dead bodies were shown to the prisoners. They pointed out their general," etc. The last entry is May 7, 1776, made up mostly of recapitulations and general reflections.

II.

Joseph Bennett. Small quarto. Endorsed by Mr. Sparks as *The History of New England*, and *Presented to me by William Vaughan, Esq., London, Dec. 2d, 1840.* It begins: "To Mr. Samuel Savill of Currier's Hall, London, Attorney at law. Dear Friend, I here present you with an abstracted historical Account of that part of America called New England, to which I have added the History of our Voiage there to Anno Domini 1740." This is followed by an apologetic letter signed Joseph Bennett. An "Introduction" on the general colonizing schemes of the English follows, and then comes "The History of New England in which is contained some general remarks of what happened from the year 1620 in the first of their attempts to settle colonies there, to the year 1741." The eighteen chapters cover, 1, a description of the country; 2, the earliest settlements; 3, indian wars, sectarian disputes, perse-

cution of the quakers; 4, indians and the wars with them; 5, from King James' accession to the treaty of Utrecht, 1713; 6, Sir William Phips; 7, divisions and subdivisions of New England; 8, trades, manufactures and clothing; 9, food and productions of the soil; 10, religion, education and charities; 11, government, laws and currency; 12, animals of draught, travel and diversions; 13, zoölogy and meteorology; 14, witchcraft; 15–18, the indians; 19, the voyage. (He arrived at Boston, June 1, 1740.)

Considerable parts of the volume have been printed in the *Mass. Hist. Soc. Proceedings*, Jan. 1861.

III.

Board of Trade. Folio. Marked by Mr. Sparks: *Journal of the Board of Trade, 1766–1767. From the manuscripts of George Chalmers. Bought in London, 1843.* Begins with the meeting of Dec. 23, 1766, and ends with that of July 29, 1767.

Mr. Chalmers was secretary of the board, and this may have been the office record, or an early copy.

IV.

Sir Francis Bernard's Official Papers. Thirteen folios, bound in full morocco. Entitled by Mr. Sparks *The Papers of Sir Francis Bernard, Governor of New Jersey and afterwards Governor of Massachusetts. Bought in London, 1846.* Each volume has a chronological index at the end, but the papers in the volumes are not always in this order. See *Mass. Hist. Soc. Proc.* ii., *index.*

Vol. I. "Letter books, 1758–1761, New Jersey, Massachusetts." Begins with an address of the free towns, and Borough of Elizabeth, Perth Amboy, 1758. Copies of letters to and from Gov. Bernard, in part respecting indian troubles on the frontiers; the affairs of the militia, and treaties and conferences with the indians. The letters of 1759 begin on p. 63, and those of 1760 on p. 214. The drafts are sometimes in Bernard's own hand. They include letters to General Amherst, Governors Hamilton, DeLancey, and Boone, Sir William Johnson, Col. Peter Schuyler, Secretary Pitt, Lord Barrington, and others.

There are also letters to Lord Halifax and the lords Commissioners for trade and plantations during Bernard's New Jersey sojourn.

In April, May and June, 1760, there are several letters to A. Oliver, touching Bernard's transfer to Massachusetts, his first letter from Boston being Aug. 7, 1760 (p. 272), to Lord Barrington. From Boston he wrote to Pitt, Lord Halifax, W. Bollan, Secretary Pownall, — the letters of 1761 beginning on p. 285, and the last in the volume bearing date Aug. 17, 1761.

Vol. II. "Letter books, 1761–1763. Massachusetts." The first letter is dated at Boston, Aug. 17, 1761. Besides correspondents already named there are letters to the Earl of Egremont, Cadwallader Colden, Brigadier Timothy Ruggles, General Gage, Thomas Lechmere, Maj. Gen. Bastide, Col. Thwing. Most of the letters, however, are to the Lords of Trade, though a considerable number are addressed to Gen. Amherst. Bernard often writes from Castle William, which was a favorite summer retreat with him. Others are addressed to Governors Hardy, Wentworth, Belcher, Monckton, Fitch, Boone, Murray, Popple; Gen. Shirley, Sir Geo. Pococke, Jasper Mauduit, R. Jackson.

This volume also contains various letters respecting a proposition to found a new college in one of the western counties. One of Bernard's letters to the Earl of Egremont (p. 201) introduces to the King's attention the "small oblation" of the *Pietas et Gratulatio* published by Harvard College on his Majesty's accession, and giving the reason why it had not been earlier offered. To one correspondent, evidently referring to the book, Bernard says: "Perhaps an American muse may be as great a curiosity as any the country affords." Other letters refer to the grant of Mt. Desert island to Bernard, which he had solicited.

Several letters pertain to the Acadians — one in 1762 forbids any more to be landed; others in 1763 show that there were about 1100 souls of such then in the province.

Other letters concern the dislodging of the French from Newfoundland in 1762. The last in the volume is Dec. 26, 1763.

Vol. III. "Letter books, 1763–1765. Massachusetts." The letters are between Apr. 9, 1763, and July 15, 1765. Some new correspondents appear, Thos. Townshend, William Fitzherbert, etc. With the exception of a single letter by Thomas Gage, Feb. 20, 1764, the copies are of letters by Bernard.

Vol. IV. "Letter books, 1765–1766. Massachusetts." The letters are between Oct. 26, 1764, and Jan. 24, 1767. They are all letters from Bernard except an order from him to Capt. Bradbury Saunders, Commander of the sloop "Massachusetts."

Vol. V. "Letter books, 1765–1768. Massachusetts." Letters to John Pownall, Thomas Pownall, R. Jackson, Wm. Fitzherbert, W. Ellis, Lord Barrington, Gray Cooper, H. S. Conway, Sir Henry Moore, W. Franklin, Gov. DeWindt, Lt.-Gov. Jas. Poole, Maj. Gen. Gage, Jno. Stevens, P. V. Livingston, Chas. Read, Gov. Wentworth, Gov. Hopkins, Rev. Mr. Palmer, Col.

Dalrymple, Oliver Partridge, Edmund Quincy, Jr., etc. The letters are usually dated Boston, occasionally Castle William and "Jamaica Farm, near Boston."

Vol. VI. "Letter books, 1767-1768. Massachusetts." This volume is mainly made up of letters addressed to lords Barrington, Shelburne and Hillsborough; to J. Pownall and R. Jackson.

Vol. VII. "Letter books," 1768–1769. Massachusetts." This volume is mainly made up of letters to Hillsborough, Barrington, Gen. Gage, Com. Hood, J. Pownall, R. Jackson, Gov. Carleton, etc.

Vol. VIII. "Letter books, 1769–1772. Massachusetts." This volume contains letters to Barrington, Hillsborough. Hutchinson, Thomas Oliver, Lord North.

At p. 182 is a long paper called "State of the Disorders, Confusion and Misgovernment which have prevailed and do still continue to prevail in his Majesty's Province of Massachusetts Bay in America." Mr. Sparks has dated it "Jan. 1774."

At p. 229 is a "Narrative," which concerns the destruction of tea in Boston harbor, 1773. It begins: "The advices received from Boston in letters from Gov. Hutchinson, Admiral Montagu, and the Commandant of the King's troops at Castle William, and the information taken here of Capt. Scott, lately arrived from thence, contain the following facts."

At p. 244, is a "List of papers relative to the province of Massachusetts bay, selected from the papers concerning riots and tumults in North America, laid before the House of Lords, from the first day of Jan. 1764 to the present time. [Jan. 28, 1774?]

Vol. IX. "Original Correspondence, 1758–1762. Massachusetts." Consists mainly of letters to Gov. Bernard, from William Pitt, General Amherst, Lord Halifax, Lord Barrington, Earl of Sterling, John Pownall, the Lords of Trade, Lord Egremont, Wm. Bollan, etc.

"Some account of the New Jersey Provincial troops" (p. 51).

"Champlain's account of St. Croix and Mount Desert" as translated by Thomas Hutchinson (p. 303).

Vol. X. "Original Correspondence, 1762–1766. Massachusetts." Letters to Gov. Barnard from Gen. Amherst, Lords Barrington, Halifax, Egremont, General Gage, H. S. Conway, J. Pownall, etc.

The volume opens with a copy of the votes conveying gifts of twelve townships between the Penobscot and St. Croix rivers; and contains a journal of a voyage to Mt. Desert, Oct. 1762; draughts and boundaries of townships on the Penobscot, Sagadahock and Union rivers; an inquiry into the origin and use of the terms "Acadia" and "Nova Scotia"; a statement of facts on which the Massachusetts title to lands between the Penobscot and St. Croix rivers depends; proposal for settling Germans on Mount Desert; memorial about trade at Mount Desert, and proposals for fishing colonies there; and the grant of the island to Bernard, with a description of Mount Desert by an officer of the "Cygnet," with coast views, and plans of the island.

Bernard's instructions to his son Frank upon returning to College.

Grants from the General Court for the encouragement of manufactures, 1754–1765.

Resolutions of Virginia and Massachusetts in respect to the right of Parliament to impose taxes, and report thereon of a Com. to the Privy Council, 1765.

Vol. XI. "Original Correspondence," 1766–1768. Massachusetts." Letters to Bernard from H. S. Conway, Lord Barrington, Earl of Shelburne, J. Pownall, Hillsborough, General Gage.

Resolutions of the House of Commons for an humble address to his Majesty respecting manufactures in the colonies.

His Majesty's orders in Council respecting the correspondence of the governors.

"Descriptio insulae de Mount Desert," with proposals for a German colony, 1767.

Stations of the regiments in America from June 1765 to Dec. 1767.

Proposal of John Hozo of Broad Bay to settle at Mount Desert, 1768.

"Journal through part of Mount Dessart, by Joseph Chadwick, begun Aug. 3, 1768."

Petition of the inhabitants of Mount Desert.

Vol. XII. "Original Correspondence, 1768–1779. Massachusetts." Letters to Bernard from Lords Hillsborough, Barrington, North; General Gage, Lieut.-Gov. Hutchinson, J. Pownall, Andrew River.

A recall of Bernard, signed by Hillsborough and countersigned by the King, dated Mar. 28, 1769 (p. 73).

Bernard's petition to be heard before the Privy Council in answer to charges against him by the House of Representatives of Massachusetts (pp. 147, 167).

Orders appointing Jan. 27 and Feb. 28, 1770, as the days for the complaint against Bernard to be heard (pp. 171, 203). Petitions of Dennis De Berdt (p. 207), and of Bernard (p. 175), with an account of the hearing (pp. 211, 219) and evidence (p. 179).

List of gentlemen who have been turned out of the Council in Massachusetts since the repeal of the stamp act (p. 183).

Act to confiscate Bernard's property (p. 315).

Plan for appointing a bishop to reside in America (p. 261).

Reasons for the claim of Massachusetts to the lands between the Penobscot and St. Croix (p. 265).

Resolutions of both houses of Parliament relative to the public transactions in Massachusetts (p. 275).

Observations upon the answer of the Council (p. 293).

Bernard's petition to the King for an increase of salary.

Vol. XIII. "Orders and Instructions, 1758–1761. New Jersey and Massachusetts." Instructions as governor of New Jersey, Apr. 1, 1758 (p. 1), and further orders as to trade and navigation laws (p. 75), and as to paper currency, Feb. 12, 1759 (p. 141).

Instructions as governor of Massachusetts Bay, Mar. 18, 1760 (p. 149); Commission as Captain General and Governor-in-chief, Mar. 12, 1761 (p. 223); and the royal permission for Bernard to return to England, June 22, 1768 (p. 243).

V.

American Papers. "From the manuscripts of George Chalmers. Bought in London, 1843." Two volumes.

Vol. I. 1493–1784. Copies, principal among which are: —

1493. The Pope's grant of America to Spain.
1496. Commission of the Cabots by Henry VII.
1604. Bacon's account of the conduct of James I.
1607. Spanish maxims about America.
1630. Treaty of Madrid.
1644. DeLaet's account of the Dutch West India Company.
1683. Ships cleared to England and the Plantations.
1688. English revolution. Journal of events.
1689. Papers relating to New York, New Jersey and Pennsylvania.
1692. Pardon granted to the Colonies.
1696. Supply and trade of the West Indies. Miscellaneous order of Parliament.
1698. Notes on English Taxation.
1699. Imports and exports to and from the Colonies.
1701. Representations of the Board of Trade as to the Colonies.
1718. Colonial Post Office.
1714–18. Ships cleared from England to the Colonies.
1734. Population of the West Indies.
1740. Carthagena expedition.
1743. Essay on government.
1746–58. Journal of the Board of Trade.
1756. Lord Halifax to Sir Chas. Hardy.
1759. Colonial trade.
1761. Admiralty Courts. Letter of Col. Wm. Byrd on a campaign against the Cherokees. Misrepresentations in Galloway's Political Reflections.
1766. Anecdote of Lord Chatham.
1767. Sir William Johnson to Lord Shelburne.
1768. Number of American built ships.
1770. Shipping trade with the American Colonies.
1771. Exports of British sugar islands.
1773. Address of Virginia House of Burgesses.
1774. Mode of appointing the first Congress, in each colony.
Gen. Gage to Lord Dartmouth; Dartmouth to Gage.
Nantucket's emigrants.
Estimate of population in the Colonies.
1775. Answer of Congress to the proclamation against rebellion. Depreciation of paper currency. Causes of the capture of Ticonderoga.
1776. Letter of Chatham, Mar. 9.
Lord and General Howe's commission to treat of peace.
May 25, letter from Ticonderoga, recounting the bad news from Canada, of the invasion.
July 14, Declaration of Lord Howe at New York.
1777. Chatham's speech, Nov. 20. Staff of American army. Movements of the northern army, giving dates, detailed by Col. Skene; with statements of British forces, given July 1 as 6997, and Nov. 1 as 4599.
1784. Henry Harford's memorial of sufferings as loyalist.

Vol. II. 1783–1814.

1784. Papers regarding loyalists.
1786. March 16. Desires of the loyalists.
1787. John Forster on American loyalists. Ships cleared from Massachusetts Bay.
1788. Claims of American loyalists.
1793. Jefferson and Hamilton on the American policy.
1794. Nov. 19. Treaty of amity between U. S. and Gt. Britain.
1796. Calculation as to population of the U. S.
1802. Oct. 1. Convention between the King and the U. S.
1803–5–6. Commissioners and Loyalists.

VI.

Chalmers's Annals of the United Colonies. Part Second. "Copied from the original manuscript." This is a continuation of Chalmers's *Political An-*

nals of the United Colonies. The First Part was published in 1780, and this continuation by the N. Y. Hist. Soc. in 1868.

VII.

"Letter to Lord Mansfield on the history of the American Colonies by George Chalmers. Written in the year 1780. Copied from the original manuscript in the handwriting of Chalmers, 1846."

"The following memorandum is at the beginning of the manuscript in Chalmers's handwriting: This letter to lord Mansfield was really sent to his lordship as a letter; and it was read by his lordship, who said that he would warrant the truth of it." It makes 158 pages and is dated "The corner of Park Street, Oxford Street, 18, Sept. 1780."

VIII.

Notes and Extracts. "In the handwriting of George Chalmers, relating to Maryland and Virginia; bought in London, 1843." It covers 1727–1761; in quarto.

IX.

"Papers relating to Massachusetts and Plymouth, from the manuscripts of George Chalmers. Bought in London, 1843."

"Letters of Governor Sharp and others, chiefly concerning the American Revolution. Copied from the originals, 1843."

1. 1629. "Instrument from the Council at Plymouth in Devon," printed in Hazard i. 298.

"Extracts from Plymouth (N. S.) records, 1649–1661," — relating to the Kennebec region.

2. "Papers relating to Plymouth in the hand writing of George Chalmers." Data and memoranda.

3. "Letters of Governor Sharp and others, copied from the originals in the office of the secretary of State of Maryland, 1843."

1754–68. Sharp to lord Baltimore; to Calvert; to John Sharpe; to Wm. Sharpe; to Loudon. Cecil Calvert to Sharpe. Sharpe to Pitt; to Halifax; to Gage; to Chas. Lowndes; to Gen. Conway; to Lord Hillsborough. Hillsborough to Sharpe, 1768.

Samuel Chase, Nov. 21–23, 1776, on the surrender of Fort Washington, and the condition of affairs.

Dartmouth to Gov. Sharpe, 1775.

Gen. Smallwood to the Maryland Convention Oct. 12, 1776, about the battle of Long Island.

Gen. Greene to the Council of Maryland, High Hills of Santee, July 17, 1781.

X.

Papers relating to New England. 4 vols. "From the manuscripts of George Chalmers. Bought in London, 1843." Index in each vol.

Vol. I. Papers, 1643–1765, — including among others: Petition of General Court of Mass. to Charles II. (1660); act of navigation (1663); Charles II. to the N. E. Colonies (1680); Administration of Andros (1686–1688); Account of witchcraft (1692); Condition of Mass. (1721); Burnet's administration (1728); Paper currency (1736–37); Capture of Louisbourg (1745); Riot in Boston (1747); French encroachments (1750); letters of Gov. Bernard (1764–1765).

Vol. II. Papers, 1765–1768, — including among others: letters to Gov. Bernard; papers of the Commissioners of Trade; Reports to the Privy Council; Bernard's instructions, and a paper (not signed) beginning "Being in the gallery a few days before the Assembly was dissolved, I heard Mr. Otis make a long speech, part of the substance of which was (as near as I can remember) couched in the following terms." (June, 1768.)

Vol. III. 1768–1770, — Bernard and Hutchinson to Hillsborough. Richard Sylvester, innholder of Boston, on the speeches of Boston leaders, — an affidavit sworn to before Hutchinson. Jan. 23, 1769.

"Sentiments of the Sons of Liberty." Wm. Presbrey's account of the seizure of his vessel.

Proceedings of Boston Town meetings. Letters from Boston, Oct. 1769.

Key to characters published in the Boston Chronicle.

Accounts of riot in Boston, 1769.

Journal of transactions at Boston.

Votes passed at a meeting of merchants, 1770.

Hutchinson to Gage, 1770.

Brigadier Ruggles, Robert Auchmuty and others to Joseph Harrison.

Narratives of events in Boston.

Gov. Franklin's speech.

Vol. IV. 1770–1786, — Outrage on Owen Richards, 1770. Various letters of Hutchinson to Hillsborough, 1770–72, and to Dartmouth, 1772.

Letters of Dartmouth to the Mass. government and to Dr. Franklin.

Dartmouth to Hutchinson, secret and confidential, Mar. 9, 1774.

Sam. Adams to Committee of Correspondence in Portsmouth, 1774.

Particulars in relation to the Boston Port Bill.

"A circumstantial account of an attack that happened on the 19th of April on his Majesty's troops by a number of the people of the Province of Mass. Bay." (MS.)

Scale of depreciation of paper money for Mass. 1777–1780.

Notes showing that there has always been a Colonial party in England.

Act in relation to confiscated property, 1784.

Memoranda by Chalmers on the abstraction of the Hutchinson and Oliver letters.

XI.

"Papers relating to New Jersey. From the manuscripts of George Chalmers. Bought in London, 1848."

1664. Grant of New Jersey.
1685. Proceedings of Court.
1688. Papers. Col. Bayard's memorial.
1698. Act.
1701–1759. Papers, partly official, of various years.
1715. Col. Hunter to the Board of Trade. Journal of the Board.
1727. New York and New Jersey. Robert Raymond to the Lords of Trade.
1741. Gov. Morris to the Duke of Newcastle.
1749. Mat. Lamb to the Lords of Trade.
1760. Arthur Dobbs to Gen. Stanwix.
1761. Lord Halifax to the King.
Sandys and others to the King.
J. Pownall to H. Potts.
Court of St. James to the Att'y-General and to Thomas Boone.
1762. Lords of Trade to Gov. Hardy.
Hardy to Robt. Monckton.
Sandys and others to Egremont and to the King.
Pownall to the Att'y-General and to John Cleveland.
1763. Wm. Franklin to Gov. Monckton.
Shelburne and others to the King.
1763–1764. Hillsborough to W. Franklin and to the King.
1765. Gov. Franklin to the Lords of Trade.
1769–1771. Hillsborough and others to the King.
1771. Soame Jenyns and others to the King.
Hillsborough to the King and to Gov. Franklin.
1772. R. Jackson to the Lords of Trade.
1773. Dartmouth and others to the King.
1773–1775. Dartmouth's correspondence with Franklin.
1774. Dartmouth and others to the King.
1775. Declaration of the Assembly.

XII.

"Selections from the MSS. Papers of Gov. Geo. Clinton, Gen. Washington and Gen. Lincoln."

"1. Papers selected to p. 244 from Gov. George Clinton's Papers." The first letter is from John McKesson to George Clinton, June 7, 1775.

The principal events touched upon are the defences of the Hudson in 1776; the evacuation of Ticonderoga in 1777; the expedition of Clinton up the Hudson in 1777; the capture of Burgoyne; the events of 1778 along the Hudson; the raising of troops; the treatment of the Indians; the pressure of financial disturbances; the campaign against the Indians in N. Y. in 1779; the subject of the New Hampshire grants.

*** The papers of George Clinton are now in the State Library at Albany, and have been described in recent annual Reports of that library (1862 *et seq.*).

2. "Papers relating to Paul Jones, selected from Washington's Papers." The first is a letter from Jones to Washington, May 7, 1781.

Questions propounded by the Admiralty office, Feb. 20, 1781, to Jones, and his answers, with report of the board, Mar. 28, 1782.

3. "The following selection to p. 506 is from the papers of General Lincoln."

Begins with one from Gen. Schuyler to Lincoln, Saratoga, July 31, 1777, followed by papers relating to the northern campaign of 1777. The last letter respecting this campaign is one from Lincoln to Gov. George Clinton, Oct. 5, 1777, expressing anxiety lest Putnam would not be able to resist Gen. Henry Clinton, to whom Burgoyne in his straits was looking for relief.

The letters of 1778 relate to a contemplated invasion of Canada under Lafayette, the battle of Monmouth, etc.

In 1779–80 Lincoln is in South Carolina corresponding with Marion, C. C. Pinckney, Rutledge, Pulaski, Moultrie, Horry, John Laurens, Com. Whipple, and the public authorities of Congress and the assembly of Georgia.

Lincoln's journal, Sept. 13 to Oct. 19, 1779, covering plans of coöperation with D'Estaing.

Records of the Council of War at Charlestown, S. C., Apr. 20, 21, 26, 1780, with the representation of the officers of the garrison. The Council of War, May 11, advises Lincoln to capitulate.

Letter of Adj.-Gen. Ternant, May 24, 1780, respecting the strength and losses of the garrison during the siege.

Various letters from Clinton to Lincoln about the provisions and meaning of the articles of capitulation.

Proclamation of Clinton and Arbuthnot, June 1, 1780.

Gates to Lincoln, July 4, 1780, when the former was appointed to command the southern army.

Letters of Joshua Loring respecting exchange of prisoners, 1780.

Lincoln to Knox, Jan. 23, 1781, from Boston, about the half-pay-for-life scheme.

Correspondence of Laurens and Lincoln at Boston, 1781.

Lincoln, Boston, Feb. 5, 1781, recounts to John Laurens his part in the campaign of 1777 in N. Y. after Gates assumed command down to Lincoln's being removed, Oct. 8, 1777.

Lincoln to the Mass. members of Congress, Boston, Feb. 27, 1781, respecting the intention of the British to detach Maine from Massachusetts.

In Mar. 1781, Lincoln goes with the Mass. militia to Rhode Island, and Mar. 6, writes to Gov. Hancock.

Memorandum to regulate the movements of the allied army on the night of the 21st of July, 1781.

In 1781 there are letters to Hancock; from David Ramsay, E. Rutledge, and Hancock; to Morris, and John Lowell; and from Knox — the last being Mar. 12, 1783, at West Point.

*** The Lincoln papers are now in the possession of the Crosby family of Hingham, Mass.

XIII.

"War of the American Revolution. 1779–81." "Relating principally to the affairs of Vermont, Indians, and events in the West and Canada."

"American manuscripts, 1779." Title page: Correspondence between Sir Henry Clinton and General Haldimand. Quebec. American War, 1779–80 and 1781. Copied from the originals in the London Institution from the Papers of Sir Guy Carleton."

*** These Carleton Papers, sometimes called the Maurice Morgan Papers, are the papers collected at the British Headquarters in America from the time of Gage (1775) to Carleton, the last commander-in-chief (1783.)

Carleton's letters from Quebec. Oct. 27, 1777, &c.

Haldimand's letters [July 5, 1778] etc. to Clinton and Burgoyne.

Letters between Clinton and Haldimand, 1779.

G. R. Clark's capture of Fort Sackville, — terms of surrender, Feb. 24, 1779.

Letters of Clark, 1779.

Lafayette's letter, Boston, Dec. 18, 1778, to the Indians of Canada.

Papers respecting events in the western country, 1779, — Detroit, Vincennes, etc.

Explanation of a cypher proposed by Haldimand.

The letters of Col. John Butler, Joseph Brant, Lt. Col. Bolton, and others, on Sullivan's expedition in 1779.

A long letter from Clinton to Haldimand, Sept. 9, 1779, describes the opening of his campaign against Washington.

Letter of Haldimand to Washington about treatment of prisoners.

Foster's agreement, May 27, 1776, with Arnold for the exchange of prisoners taken at the Cedars.

Numerous letters of Haldimand, in 1779, from Quebec.

Letter of G. R. Clark to Jefferson, dated Louisville, Sept. 23, 1779, respecting the fortifying of the mouth of the Ohio. "Marked Recd. 24 Nov." probably intercepted.

Letters between the Spanish governor at New Orleans and Patrick Henry, 1778–79 (intercepted).

Letters of Gen. Knyphausen. 1780.

XIV.

Stedman's American War. "The following notes are transcribed from a copy of Stedman's History of the war, in which they are written in the margin, in the handwriting of Sir Henry Clinton, with the initial C at the end of each note. Mar. 1846." "The above copy of Stedman's History is in the library of Mr. Brown of Providence."

*** These notes from the copy in the Carter-Brown library have been printed. They are used by DeLancey in his edition of Jones's *New York during the Revolution*.

XV.

"Selection from Delaware Papers; Papers of George Read; Papers of Baron Steuben."

1. "Selection from the papers in the office of the Secretary of State in Delaware. Selected, June, 1826."

The papers begin Oct. 14, 1777, when Washington had proposed (after the battle of Brandywine) to the State authorities to call out the militia.

Mr. Sparks adds: "When the British were in Wilmington, a short time before the battle of Brandywine, and when they carried off President McKinly, they also took away the public papers and journals belonging to the county of Newcastle, pertaining to the old government. On the 24th of Feb., 1783, the Council voted to send a person with a flag to New York to solicit these papers from Sir Guy Carleton. A few of them only were found. It was said the others had been taken to Charleston. On the 3d of June following it is recorded in the Journal that there was reason to suppose these papers had been removed to the island of Jamaica. The President was authorized to take measures to procure them. This seems never to have been done."

Then follow extracts from the *Votes and Proceedings of the House of Representatives in Delaware*, — a printed series of volumes, of which the earliest known to Mr. Sparks was for 1762. The extracts begin in 1766, and end Nov. 4, 1776.

An account of the one regiment of the Continental line from Delaware, commanded at first by John Haslett, who was killed at Princeton. At the end — "I have collected the above from the muster rolls and other returns in the office of the Secretary of State in Dover. JARED SPARKS, Dover, Del., June 14, 1826."

2. "Copies of fourteen letters from George Reed to Cæsar Rodney, the originals whereof are in the possession of Cæsar A. Rodney, Esq." The

earliest is dated at New Castle, June 29, 1774. The last, dated, is Mar. 13, 1779.

3. Letters between George Read and others. From Read, Jan. 19, and Mar. 2, 1778, to Washington; from Washington, Feb. 22, 1778; from Caesar Rodney, July 21, 1774; from Thomas McKean, Jan. 19, 1776.

4. "Selection from the papers of Baron Steuben in the possession of the New York Historical Society. Selected in 1827." The earliest is dated at Yorktown, May 11, 1778, from Henry Laurens. This selection occupies pp. 70–423. On p. 427 Mr. Sparks writes: "Selection (from this page to the end of the volume) from the papers of Baron Steuben lent to me by Gov. DeWitt Clinton (in the year 1827) and since deposited in the library of the New York Historical Society."

Beside letters of Steuben himself, we find here letters of Henry Laurens, Timothy Pickering, Alexander Scammell, John Ternant, Alexander Hamilton, Benjamin Lincoln, Moses Hazen, Kosciusko, Washington, William Livingston, Nathaniel Greene, O. H. Williams, Thomas Jefferson, W. Smallwood, Daniel Morgan, P. Muhlenberg, Lafayette, G. Weedon, Horatio Gates, Ben. Walker, Edward Hand, and Henry Knox.

On p. 161 is an "Extract of a Journal concerning the action of the 16th Aug. 1780, between Maj. Gen. Gates and Gen. Lord Cornwallis, with a plan of the battle near Camden."

On p. 182, Journal of Baron Steuben in Virginia, Dec. 21, 1780, to Jan. 11, 1781.

On p. 194, Memorandum of the troops under Cornwallis in South Carolina, Jan. 6, 1781, amounting to 5455 men.

Many of the letters from Gen. Greene pertain to his movements after he took command of the southern army.

The letters constituting the second portion of this correspondence are in French, and are from Landais, Ternant, Fleury, Luzerne, Viomenil, Knyphausen, Pulaski, DeKalb, De Francy, De Bretigney, Depontieres, De l'Enfant, and Lafayette.

On p. 620 is "Observation sur les États-Unis et leurs gouvernemens." On p. 628 is "Observation sur la dette nationale de l'Amérique."

Various papers of Steuben's experiences in Europe, and services in America.

*** The Steuben Papers are still in the library of the New York Historical Society, and have never been printed as a collection.

XVI.

Frankliniana. "Letters to Benjamin Franklin from various persons. Copied from the originals while they were in my hands for writing the life of Franklin. 1843."

They cover the years 1741 to 1787, and include various letters from Franklin, and from others not addressed to him.

Those writing to Franklin are Tennent, Jas. Bowdoin, Daniel Claus, Thomas Wharton, Thomas Cushing, Jas. Otis, Sam. Adams, Joseph Galloway, S. Cooper, Hutton, Benj. Gale, Wm. Strahan, Charles Lee, D. Barclay, Thomas Walpole, John Winthrop N. W. Jones, James Lovell, Thomas Jefferson, Wm. Carmichael, Patrick Henry, Arthur Lee, Paul Jones, Joshua Babcock, Samuel Mather, J. Rutledge, D. Hartley, George Anderson, Lafayette, Silas Deane, John Adams, Joseph Banks, Granville Sharp, Thomas Paine, and B. Vaughan.

Letters from Franklin are addressed to Mrs. Franklin, Cadwallader Colden, William Parsons, James Bowdoin, Dr. Cooper, Juliana Ritchie, Arthur Lee, Dr. Herschell, Timothy Horsefield.

Other letters are: H. Bouquet to the Governor of Pennsylvania (1756); Pownall to Cooper (1769, 1770, 1772) and to Sam. Adams (1772); Bowdoin to Pownall (1779, 1783, 1784); Hartley to lord North (1779); Rev. Jacob Duché to Francis Hopkinson (1783).

Other papers are: "How Gov. Pownall's letters came into the hands of the person who now possesses them."

Petition to the King by the Representatives of Massachusetts.

(*Addenda.*)

Frankliniana. Letters of Benjamin Franklin, "copied from originals in the possession of Dr. Cohen, namely: London, Mar. 28, 1760, to David Hall, printer, Philadelphia; London, July 3, 1771, to Noble Wimberley Jones, Savannah; Headquarters, Cambridge, Oct. 26, 1775, to Jos. Greenleaf, Watertown, about post office arrangements; Passy, July 5, 1785, to Granville Sharp.

Philadelphia, May 30, 1786, and June 9, 1787. These three "copied from the Life of Granville Sharp."

Rev. Aulay Macaulay, Leicestershire, Sept. 6, 1791, to Gen. Washington, about a nephew of Franklin, living in needy circumstances near Macaulay.

Convers Francis, Cambridge, Sept. 26, 1854, to Sparks, about an interview of Franklin and Michaelis in 1766.

A letter of C. Drogart, Nantes, July 16, 1782, to Mr. Enoch Brown; and one of Howard Carnes & Co., Nantes, Sept. 12, 1782, to the same.

XVII.

Frankliniana. 1. Memorial by Benjamin Franklin and Samuel Wharton concerning a grant of western lands. It traces back to the purchase of land Nov. 5, 1768, from the indians, and follows

the history of the territory down. It is dated at Passy, France, Feb. 26, 1780.

*** This pertains to the so-called "Walpole grant" or "Vandalia" — an enterprise that the Revolution put an end to.

2. Letters from Richard Biddle to Jared Sparks concerning Franklin's Papers, Aug. 10, 1834. He claims for Virginia the origination of Committees of Correspondence, and discusses the question of W. T. Franklin's suppression of any of Franklin's papers.

XVIII.

Frankliniana "Notes and memoranda used in writing a continuation of Franklin's life, and in preparing an edition of his Works, 1836–1840."

1. Particulars concerning Franklin's family.

2. Notes used in writing a continuation of the Life of Franklin.

3. Notes for a preface to Franklin's Works.

4. First sketches of an arrangement of Franklin's Writings for an edition of his Works.

Various letters about Franklin written to Sparks are included in this volume.

XIX.

Franklin and Washington. 1. Papers relating chiefly to Franklin, used in writing his Life, 1839. Papers from William C. Folger of Nantucket, consisting of extracts from the records of Edgartown and Dukes County, and family letters of the Folger family.

2. Papers relating to Franklin. Letters of J. Francis Fisher of Philadelphia, 1837. Notes in the American Philosophical Society. Treaty with the Ohio indians at Carlisle, 1753. Letters of James Logan to Franklin, 1731, 1741, 1744, 1747.

3. Letters copied from the originals in the possession of Thomas I. Wharton of Philadelphia: Thomas Penn to Mr. Peters, 1758, 1760, 1766. J. Logan to Peter Collinson, 1736. Peters to Thomas Penn, 1748. J. Logan to Josiah Martin, 1737.

4. Copied from manuscripts in the library of the American Philosophical Society, Philadelphia (Sept. 1837): Thomas Penn to James Hamilton, 1756, 1757, 1759, 1760, 1761, 1762, 1763, 1769. Hamilton's instructions, 1759. Hamilton's queries for the proprietor, Thomas Penn, 1759. Penn to Lord Stirling, 1762.

5. Copied from the Philadelphia newspapers: Franklin's dialogue from the *Penna. Gazette*, Apr. 3, 1735. Communication on a fire department, 1734. Other extracts, 1747, 1748. Letter of Robert Vaux, 1835. Extracts from Watson's *Annals of Philadelphia;* and from Hazard's *Register*. On Hospitals from the *Penna. Gazette*, 1754, —also printed in a pamphlet. Dialogue of Socrates and Crito (1734–35). John Bartram the botanist (1741–42).

6. Copied from MSS. in the American Philosophical Society: John Hughes to the Commissioner of the Stamp-office (1765). Letter of Committee of Sons of Liberty in New York, signed by John Lamb and addressed to William Bradford, with an answer.

7. "Papers relating to the Washington family. Copied chiefly from the county histories in the London Institution, Moorfields, 1829. Used in writing the *Life of Washington*."

XX.

"Selections from Franklin's MS. notes; Sullivan's papers; Trumbull's papers."

1. "Franklin's Notes. In the Athenæum of Philadelphia are contained the volumes of pamphlets, which formerly belonged to Dr. Franklin. Among them are six [eight] pamphlets which contain marginal notes in his own handwriting. The following are the titles of the pamphlets, Dr. Franklin's notes and the passages of the pamphlets on which he remarks. Copied in 1829, under the care of Mr. John Vaughan":

a. *A short view of the history of the Colony of Massachusetts Bay, with respect to their original charter and constitutions* (London, 1769). The notes follow.

b. *The true constitutional means for putting an end to the disputes between Great Britain and the American Colonies* (London, 1769). The notes follow.

c. *Protest against the bill to repeal the American Stamp Act of last session* (Paris, 1766). The notes follow.

d. *Second Protest with a list of the votes against the bill to repeal the American Stamp Act of the last session* (Paris, 1766). The notes follow.

e. *An inquiry into the nature and causes of the present disputes between the British colonies in America and their mother country* (London. 1769). The notes follow.

f. *The claim of the colonies to an exemption from internal taxes imposed by authority of Parliament, examined in a letter from a gentleman in London to his friend in America* (London, 1765). The name of "Knox, esq., agent for Georgia" is given in MS. in the title, as that of the author. The notes follow.

g. *Good Humour or a way with the Colonies. Wherein is occasionally inquired into Mr. P——t's claim of popularity and the principles of virtuous liberty as taught in the School of Mr. Wilkes and other Peripatetics* (London, 1766). The notes follow.

h. *A letter from a merchant in London to his nephew in North America, relative to the present posture of affairs in the Colonies, in which the supposed violations of Charters, and the general grievances complained of, are particularly discussed and the consequences of an attempt towards independence set in a true light* (London, 1766). The notes follow, one of which ascribes the tract to Dean Tucker.

2. "Selection from the papers of General Sullivan, now in the possession of his grandson, Dr. Steele of Durham, New Hampshire, who put them into my hands. They have since been deposited in the Athenæum at Portsmouth. Selected in 1827."

*** They are now in the possession of Thomas C. Amory of Boston.

The first is a letter to Sullivan from Dr. Church, dated American Hospital, Sept. 14, 1775. Among the writers of the letters are the following:

Alexander Scammell, Winter Hill, Oct. 24, 1775. Alexander McDougal. James Sullivan. John Sullivan, Winter Hill, Dec. 11, 1775. Gen. Gates. Robert H. Harrison, Cambridge, Jan. 23, 1776.

Medford, Feb. 3, 1776. Return of men (2496) in Sullivan's brigade.

Gen. Washington, Feb. 19, 1776, cautions Sullivan that the Royall Mansion is too far away from the lines for headquarters.

The following relate to the Canada expedition:

Sullivan's letters, June, 1776, from the Sorel. Arnold from Montreal, June 11, 1776, and later letters of June 13 (Chamblée) 16 (St. John). Washington to Sullivan, June 16, 1776. Schuyler, Albany, June 17, 1776, to Sullivan.

The letters of 1777 begin p. 272, and are from Scammell, Washington, B. Arnold, R. H. Harrison, Tench Tilghman, Putnam, Wm. Livingston, St. Clair, Nath. Greene.

The letters of 1778 begin p. 344, and are from Thomas Conway, Joseph Spencer, John Sullivan, Scammell, J. Varnum, Richard Pigot, John Stark, Washington, Hamilton, General Greene, Wayne, Lafayette, Henry Laurens, Gov. Greene, Gen. Heath, Com. Whipple, Silas Talbot, Alex. McDougal.

The letters of 1778 cover much concerning Sullivan's campaign in Rhode Island, and include a correspondence of Sullivan with Gen. Pigot, the British commander.

The letters of 1779 begin p. 464. A letter of James Sullivan on the Penobscot expedition says it has involved the State in a debt of 7,000,000 dollars, "which is not so distressing as the disgrace." The expedition of Sullivan this summer against the New York indians is the principal topic of these letters.

Several letters between 1780 and 1785 follow.

A series of Washington's letters begin in 1777. There are some from Cambridge (1775–76); and others, 1777–79, but they are very much disarranged in binding.

Letters mostly in French, 1778, from Lafayette, D'Estaing, De Preville, etc.

3. "From Trumbull Papers." Philip Schuyler, Ticonderoga, Oct. 27, 1775. Silas Deane, Philad. Oct. 20, 1778. Washington, May, 1778.

Various letters of the campaign of 1777 against Burgoyne. Burgoyne to Baum, Aug. 14. From Arnold, Aug. 23, 28. From Peter Gansevoort. From Gates, Ticonderoga, Aug. 11, 1776. From Washington, Fredericksburg, Nov. 1778; others, July, Sept. and Dec. 1778. From Nath. Greene, Coventry, R. I., Sept. 1778. From John Trumbull, Aug. 20, 1778, on the Quaker Hill (R. I.) fight.

*** The Trumbull Papers are now in the Cabinet of the Mass. Historical Society.

XXI.

"Letters from Persifer Frazer, an officer in the army of the Revolution, 1776–1778. Copied from the originals in Philadelphia, 1844." In large quarto.

Begins with a letter addressed to his wife from Long Island, May 23, 1776; followed by others June 7, 17, 27; from New York, June 29; from Lake George, July 9; from Ticonderoga, July 15, 21, 25, 31, Aug. 1, 6, 10, Sept. 21, Oct. 2, 13, Nov. 15, 18.

The next series begins Mount Pleasant camp, near Bound Brook, June 9 (1777), 17, 20; from Morristown, July 5.

Then others from English Town, Monmouth Co., N. J., June 30, 1778 (about Monmouth); Greenwich, Conn., July 23; White Plains, July 28, Aug. 19, Sept. 2; Fredericksburg, Oct. 2.

These letters are all to his wife, except one without place or date, supposed to be addressed to John Morton.

XXII.

"Selections from General Gates's Papers, and from originals in the office of Secretary of State in Massachusetts."

1. "Selected from General Gates's Papers in the possession of the New York Historical Society. 1827."

Gen. Conway to Gen. Mifflin, Reading Camp, Oct. 13, 1777.

Papers relating to the message to Congress of Burgoyne's surrender.

Letters to and from Gates, Mifflin, Conway, Wilkinson, Washington, Stirling, James Lovell.

On p. 40 ends what is called the "first parcel."

"Minutes of a speech made at a council of war held at Boston [Cambridge] the middle of December, 1775," — advising against an assault on Boston.

The letters of 1776 are: Eben Hazard, New York, July 12, 1776, about the arrival of British army. Letters from Ticonderoga. July, 1776. Gates's instructions to Arnold, Aug. 7, 1776. Letters to and from Samuel Chase, Elbridge Gerry, Chas. Lee. E. Hazard, Oct. 11, 1776, on the condition of affairs round New York.

In the early part of 1777 there are letters to and from Gates, Lovell.

On the campaign against Burgoyne (1777) there are letters to and from Gates and Gen. Fraser.

In Dec. 1777 letters to and from Gates, Putnam, etc.

In 1778, letters to and from Robert Troup, La Radière. A long letter, Boston, Dec. 31, 1778, to d'Estaing.

In 1779 letters to and from Richard Peters, Chas. Lee, etc.

In 1782, Gates to Robert Morris, June 14.

Letters of scattered dates: Jas. Lovell to Gates, Sept. 18, 1778. John Adams to Gates, Apr. 27, 1776. Arnold to Gates, Chamblée, May 31, 1776. Other letters in 1776 to and from Gates, Putnam, Franklin, Robert Morris.

"Account of the enemy's loss in the late action of the 16th of Aug. 1777, at Walloonschack, near Bennington," — amounting to 991 killed, wounded and prisoners, Hessians, Canadians and tories. American loss, killed between 20 and 30; wounded not known.

In 1777 letters to and from the following: Gen. Lincoln (Bennington, Aug. 20, 23). Arnold (German Flats, Aug. 21, 23, 28). Burgoyne (Aug. 30). Stark (Sept. 6). Lincoln (Sept. 8, 12, 14). Gates (Aug. 31, Sept. 10, 17, 19, Nov. 2). Geo. Clinton (Oct. 9). Putnam (Oct. 9). James Lovell (Nov. 5). Thomas Chittenden (Nov. 22). Gen. Glover (Dec. 4), about Burgoyne's army in Cambridge.

In 1778 letters to and from Gen. Gates, Wayne, Lafayette, Burgoyne (Cambridge, Feb. 11), George Johnstone, Robt. Morris, Eben. Hazard.

In 1779 letters to and from Lincoln (near Savannah); Franklin (Passy); Henry Laurens; Samuel Adams.

In 1780 letters to and from Joseph Reed, Gates, Major McGill on the battle of Camden, Marion, Morgan.

In 1781 letters to and from Gen. Greene (Oct. 4, H. Q. High hills of Santee).

John Armstrong to Gates, Apr. 29, 1783.

2. "Selected from the originals in the Secretary of State's office, Mass." (p. 167). Papers of Mass. Provincial Congress, respecting the use of indians, Apr. 1, 1775, and later. Instructions for the delegates to Connecticut, Apr. 11, 1775. Other papers of the Prov. Congress, Apr., May, June, and July, 1775.

3. "Written by Maj. James Wemys of the British army (afterwards Lieutenant Colonel)."

"Sketches of the characters of the general staff officers and heads of departments of the British army, that served in America during the revolutionary war (the Northern army excepted), with some remarks connected therewith. By a field officer who served the whole of that war." The characters are of Gage, Sir William Howe, Clinton, Cornwallis, Percy, Robertson, Leslie, Massey, Vaughan, Grey, Daniel Jones, Valentine Jones, Grant, Tryon, Prevost, Richard Prescott, Matthews, Pigot, Campbell, Cleveland, Pattison, Phillips, Paterson, Gunning, Sir Wm. Erskine, Smith, Stirling, Dalrymple, Campbell, Agnew, Birch, Clarke, Stewart, Leland, Rawdon, André, DeLancey, Lord Cathart, O'Hara, Robertson.

The sketches are followed by several articles: Charges of peculation against certain officers. Criticism of Howe's action in the battles of Long Island, White Plains and Trenton. Supposed strength of the troops under Lord Cornwallis's command before the action at Guilford Court House, 15 March, 1781 — giving as in the field, 2700 men; at Camden, 1400; at Charlestown, 1200; at Ninety-six, 200; at Georgetown, 200; on the Pedee, 150 — total, 6000. Movements of Cornwallis "after the defeat of the rebels, Aug. 16."

Mr. Sparks adds: "The above three articles [as divided by him] are copied from the MS. papers of Major Wemys, a British officer, who served with distinction during the war, particularly in South Carolina. He died at an advanced age in New York, in the year 1833 or 1834, and his papers were left in charge of the Rev. William Ware of that city."

*** They are now in the cabinet of the Mass. Hist. Society.

4. "A diary or journal kept by Lieut. Obadiah Gore in Major General Sullivan's march to Genesee River." Begins, July 31, 1779, on leaving Wyoming; ends Sept. 19, at Conadegago. It is accompanied by a drawn sketch map, showing the line of march from Wyoming on the Susquehannah to the forks of that river and the Tioga, thence up the Tioga by Chemong. On Aug. 22, Gen. Clinton's brigade overtook them. They passed the swamp "where the water runs both ways," lying between the Tioga and Seneca lake; advanced to French Catharine town; thence followed northward the eastern side of Seneca lake, passed through Kenday; passed the outlet of the lake; came to Canodagaga; turned west; a detachment burned Shequaga on the western side of Seneca lake; the main body continued westerly to Anongedoque, on the next lake westerly; passed on to the next lake,

where at Anwoughyawna they left a guard with stores; thence to the next lake with its town of Conerghgoos. On the 14th they reached the town on the Genesee.

5. Letter of Archibald Stuart to Thos. Jefferson, Sept. 8, 1818, respecting a discussion in the Virginia assembly during the revolutionary war about establishing a dictator.

6. General Sullivan's order of march and attack into the county of the Seneca indians from Easton in Pennsylvania, issued in order, 24th of May, 1779, with diagram.

7. "List of officers with date of commission."

XXIII.

England and Spain. In two volumes.

"Correspondence of Lord Grantham, British Ambassador in Spain, vol. I., 1776–1777 [and vol. II., 1778–1779]. Copied from the originals in the State Paper office, London, 1857."

"Letters and extracts, January 1776 to June 1779."

The letters are from Grantham to Lord Weymouth, with frequent enclosures of letters from the Spanish government, and from consuls in Spain. Other letters to Grantham from Weymouth; and to Lord Weymouth from H. Katenkamp, British Consul at Corunna. Various letters about events in Louisiana and from New Orleans. Much about the captures by American privateers.

XXIV.

"Miscellaneous letters from Washington, Hamilton, Lafayette, Murray, and Marshall. Collected from various sources."

1. Hamilton's official letters as Secretary of the Treasury, to William Short, 1784–1795. "Copied from the originals lent to me by Mr. Short in Philadelphia, 1831."

2. Miscellaneous letters from Washington, Hamilton, Lafayette, Murray, and Marshall, 1784–1799. "The following letters from Washington to Madison were copied by me from the originals, Apr. 1830, at Mr. Madison's house at Montpelier."

Wm. Grayson to Washington, Mar. 10 and Apr. 15, 1785.

Lafayette to Jefferson, Sept. 4, 1785. (Copied from Mr. Jefferson's correspondence in the Department of State.)

Washington to Hamilton, Nov. 23 and Dec. 22, 1795.

Hamilton to Washington, Nov. 26, 1795, Feb. 16, Mar. 27, Apr. 3, June 2, June 7, 1799.

James McHenry to Washington, Feb. 13, 1795.

Washington to G. W. Lafayette, Feb. 28, 1796.

Washington to Gen. Armstrong, Feb. 23, 1797, about the Newburgh letters.

Lafayette to Washington, Oct. 6, Dec. 27, 1797; Apr. 26, May 20, Aug. 20, Sept. 5, 1798.

W. V. Murray to Washington, Oct. 9 and Nov. 1, 1797.

Wm. Gordon to Washington, Jan. 25, 1798 (concerning a letter from Lafayette to Gordon, Nov. 9, 1797).

Washington to Wm. Thornton, Oct. 18, 1798.

John Q. Adams to Washington, Oct. 29, 1798.

Gen. Knox to Washington, Nov. 4, 1798.

Gen. Marshall to Washington, Jan. 8, 1799.

Judge Marshall to Jas. K Paulding, Apr. 4, 1838.

XXV.

"Selections from the papers of Gen. Henry Knox, Gov. Samuel Ward, Gen. Charles Lee, Capt. Kirkwood, Samuel Harris, Silas Deane, relating chiefly to the Revolution. Copied from the originals, 1845."

1. *General Knox.* Gen. Knox to Mrs. Knox, Sept. 24, 1777; about Monmouth battle, June 29, 1778.

2. *Silas Deane and others.* Samuel B. Webb to Deane, Cambridge, July 11 and Oct. 16, 1775. Letters to and from B. Deane, Israel Putnam, Silas Deane, Wm. Willard, H. Babcock.

3. *Samuel Ward.* Ward to Chas. Antrobus, June 11 1765. Letters to and from Joseph Sherwood, H S. Conway, the lords of Trade, Augustus Johnston, Isaac Barré, Shelburne. These are all in 1765–66.

After 1774 are letters to and from J. Dickinson, Rich. H. Lee, Nath. Greene, Henry Ward.

A letter of Capt. Samuel Ward, Point-aux-Trembles, Nov. 26, 1775, rehearses the experience of the Kennebec march — under Arnold.

A letter of Samuel Ward, Philad. Jan. 21, 1776, recounts the news just received there of the failure at Quebec.

C. Greene to Gov. Greene, Newport, June 9, 1780. Death of Col. Greene, May, 1781.

Gen. Greene, near Charleston, S. C., Dec. 5, 1782.

4. *Gen. Charles Lee*, 1776. Letters from Lee at Stamford, Jan. 31; and at New York, Feb. 7. Frank Eppes to Lee, Mar. 31, Apr. 6. Lee to Gen. Robt. Howe, Williamsburg, Apr. 5. Com. of Safety to Lee, Williamsburg, Apr. 10. Lee to Gen. Armstrong, Apr. 10. Robt. Howe to Lee, Apr. 10. Corresp. of Lee and Com. of N. Carolina, Apr. 18, Apr. 22, Apr. 24.

Lee to Gen. Moore, Apr. 23. Corresp. of Lee with the Committees of Va. and Md., May 5, 6, July 20. Lee to Patrick Henry, May 7; to Thompson at Sullivan's Island, June 21, about idle firing; to Hancock, July 2, on the attack on Fort Sullivan; to Clinton by flag of truce, July 3; to John

Rutledge, July 17, 23; to Bullock of Georgia, July 18; to Heath, Nov. 21, 26; to Reed, Nov. 21.

5. *General Wayne's orders.* Stony Point, Head Quarters, Fort Montgomery, July 15, 1779. Lee to Wayne, Oct. 11, 1779; Wayne to Lee, Oct. 20.

6. *Thomas Gamble*, N. Y., Feb. 15, 1774, to Gen. Bradstreet. "Gen. Lee has lived with me for a month, more abusive than ever, and the greatest Son of Liberty in America." (Henry Stevens' copy of a copy after the original in the hands of Dr. Sprague of Albany, — made Feb. 24, 1845).

7. "*Journal of Captain Kirkwood*, a brave officer of the Delaware line during the whole war of the Revolution. Copied from his original papers." (p. 115.) It opens with general orders, Germantown, Sept. 14, 1777; gives marches of the Delaware regiment in 1777.

"Journal of marches from Morristown, East Jersey, southerly," begins Apr. 13, 1780, and following the campaign in the Carolinas. Return of killed, wounded and missing in the action of 8th Sept. 1781, at the Eutaw Springs. Journal continued, and ends Apr. 7, 1782.

8. "*The Journal of Samuel Harris, Jr.*, of Boston, written while in the army in 1777." (p. 137.) Begins in Norwich, Aug. 25, 1777. He reached the army at Stillwater, Sept. 20. Describes the battles of Oct 7 (Bemis's Heights) and the surrender of Oct. 17. Ends at home, Nov. 14.

XXVI.

Lee Papers. "Letters from Gen. Charles Lee to his sister. The thirty-four letters to his sister, Miss Sidney Lee, were copied from the originals in England, and sent to me by Sir Henry Bunbury, 1845."

1. "Schedule of General Lee's letters as received from Mr. Townshend of Trevallyn, and copied for the use of Mr. Jared Sparks, Feb. 1845. . . . All the above letters have been copied, and the copies transmitted to Capt. Wormeley, except nos. 1 and 3. Feb. 26, 1845. H. E. Bunbury."

(2.) Bath, Oct. 8. "Our regiment is ordered to Virginia."

(4.) Schenectady, June 18 [1758].

(5.) Albany, Sept. 16, 1758. "Our illustrious chief thinks it necessary to conceal from the officers of his army the time when each packet is to sail, dreading very justly that some truth might be sent over not altogether to his honor, advantage and glory." Describes his being wounded at Ticonderoga. The letter is accompanied by a narrative of the campaign against Ticonderoga, and very severe on the "Booby-in-chief."

(6.) Long Island, Dec. 7. "We are much pleased with our new General Amhurst."

(7.) Niagara, July 30. Capture of the fort.

(8.) Niagara, Aug. 9. 1759. Capture of the fort. [To his uncle.]

(9.) Philadelphia, Mar. 1 [?1760]. Describes route from Niagara to Duquesne, &c.

(10.) New York, May 16 [1760?].

(11.) London, "Friday."

(12.) [London], Feb. 10.

(13.) London, Feb. 19 [1761?].

(14.) London, July 4.

(15.) Warsaw, Apr. 3, 1764.

(16.) Constantinople, Mar. 1, 1766.

(17.) Constantinople, May 28, 1766.

(18.) [England], Dec. 23, 1766.

(19.) London, Feb. 6, 1767.

(20.) London, May 12, 1767.

(21.) Barton, Apr. 21, 1768.

(22.) London, Nov. 29, 1768.

(23.) London, Dec. 21, 1768.

(24.) Vienna, Feb. 12, 1769.

(25.) Hungary, Sept. 30.

(26.) Leghorn, Mar. 27, 1771.

(27.) Hothfield in Kent, Aug. 9 [1771?].

(28.) Lyons, Mar. 28 [1772?].

(29.) New York, Dec. 15, 1777.

(30.) Prato Rio in Virginia, Sept. 20, 1779.

(31.) Virginia, Dec. 11, 1781.

(32.) ———, June 22, 1782.

(33.) Washington to Miss Lee. New York, Apr. 20, 1783.

"General Lee died in Philadelphia, Oct. 2, 1782."

*** Cf. the Chas. Lee papers, published by the New York Hist. Society.

2. Lee, camp at Winter Hill, Dec. 15, 1775. "I have written a parting letter to Burgoyne. It is in my opinion the most tolerable of my performances."

3. Lee to Robert Morris, Brunswick, July 3, 1778; Joseph Reed to Lee, July, 1778; Lee to Reed, July 22, 1778. (Printed in Life of Reed, i. 369.)

John Clark to Lee, enclosing a statement of his transactions during the battle of Monmouth, giving the orders which Clark bore from Washington to Lee, dated Sept. 3, 1778.

Letter from James Savage, Boston, June 13, 1845, to Sparks, conveying report of Gov. John Brooks' remarks on the conduct of Washington towards Lee during the battle of Monmouth.

Letter of Jas. Reed, Philad. Jan. 2, 1845, with verses (*St. James Chronicle*, 1783) and other data respecting Gen. Lee.

XXVII.

Leisler Papers. 1. "A modest and impartial narrative of several grievances and great oppres-

sions, that the peaceable and most considerable inhabitants of their Majesties' Province in America lye under, by the extravagant and arbitrary proceedings of Jacob Leisler and his accomplices. Printed at New York and reprinted at London, 1690."

Copied from a pamphlet in the British Museum, 1843. "Written by a violent enemy to Leisler; neither just, candid nor impartial." *Sparks.*

2. Copy of an act of Parliament (1696) for reversing the attainder of Jacob Leisler and others.

3. Copy of a letter written by Capt. Jacob Leisler to King William III., Aug. 20, 1689.

XXVIII.

Various Maps. 1. Plans of General Braddock's march and of the battle of Monongahela." An engraved series, colored.

a. "A map of the country between Mill's Creek and Monongahela river, showing the rout [e] and encampments of the English army in 1755." (Not numbered.)

b. "A plan of the line of march with the whole baggage," no. i.

c. "A plan of the disposition of the advanced party, consisting of 400 men," no. ii.

d. "A plan of the line of march of the detachment from the little meadows," no. iii.

e. "A plan of the encampment of the detachment from the little meadows," no. iv.

f. "A plan of the field of battle and disposition of the troops, as they were on the march at the time of the attack on the 9th of July, 1755," no. v.

2. "Le Canada, ou Nouvelle France, la Floride, la Virginie, Pensilvanie, Caroline, Nouvelle Angleterre et Nouvelle Yorck, l'Isle de Terre-Neuve, la Louisiane, et le cours de la Riviere de Misisipi. Par N. de Fer. À Paris. 1705." An engraved, colored map.

3. "Description de la découverte du Misisipi, par N. de Fer." An engraved text.

4. "Les costes aux environs de la riviere de Misisipi . . . par N. de Fer. 1701." An engraved, colored map.

5. "Description du Mexique ou Nouvelle Espagne et de la Floride, par N. de Fer." An engraved text.

6. "Le neux Mexique ou Nouvelle Espagne auec les costes de la Floride. Par N. de Fer. À Paris. 1705." An engraved, colored map.

7. "Stark's Battle, Aug. 16, 1777. Bennington. 4 mile to an inch."

"Drawn by Mr. Hiland Hall, Bennington, Oct. 13, 1826. (Very accurate.) Ground examined by myself at the time. J. Sparks."

A drawn sketch, showing the Walloomsach river (a branch of the Hosick river). Along the road to Bennington, which mainly follows it, and three times crosses it, are marked, going up the stream, these points: 1, Place of commencement of second action. 2, Hill where a stand was attempted. 3, Breyman met by Warner's regiment. 4, Cannon posted in first battle. 5, Stark's advance. There is on the sketch a table of distances.

XXIX.

Maryland and New York. "Selection from papers in the Public Offices of Maryland and New York."

1. "Selection from the papers in the office of the Secretary of State in the State of New York. Examined at Albany, October, 1826."

Minutes of the Provincial Convention, 1775, beginning, New York, Apr. 21, 1775. Includes correspondence with their delegates in Congress, and Generals Wooster and Schuyler, William Williams, General Lee, Washington, and the Continental Congress.

A letter, Mar. 9, 1776, from Washington's aide-de-camp at Cambridge informs the commanding officer in New York that the General apprehends that the enemy will steer for New York on leaving Boston, which they seem preparing to do.

Many letters relate to the movements about New York in 1776, and those of Washington are numerous.

In the autumn of 1776 letters from Schuyler at Albany and Saratoga detail movements of Gates and the northern army.

In 1777 there are letters of Washington, Schuyler, Duane, Jonathan Trumbull, Lincoln, George Clinton, Peter Gansvoort, B. Arnold, etc.

The chronological order is not preserved in the arrangement, and next come letters from Washington dated at Cambridge, Aug. 10, 1775, in which he complains of vessels clearing at New York with fresh provisions for the West Indies and coming instead to Boston, and that it is believed in Boston that the British were soon to leave, and that they would sail for New York, is more generally believed. Letters of Washington, Aug. 30, 1775, calls for munitions; of Oct. 5, advises the Provincial Congress of N. Y. of the sailing of a fleet from Boston; of Oct. 13, advises that this fleet stood N.N.E. after leaving Boston; of Oct. 24, transmits a statement from Pearson Jones, about the burning of Falmouth, dated Oct. 16; of Nov. 16, 1775, informs the N. Y. Congress of his sending Knox to bring cannon, &c. from Ticonderoga; of Dec. 17, 1775, saying that several ships had sailed from Boston, destination unknown.

Then follow letters of the same year (1775) to or from Franklin; Wooster (camp near N. Y.); Montgomery (Albany, Aug. 8); Schuyler (N. Y.

June; Saratoga, Albany and Ticonderoga. July, Aug., Sept., Oct., Nov.).

Letters from the N. Y. members of the Continental Congress. Letters of Jonathan Trumbull, May, June; Ethan Allen, Ticonderoga and Crown Point, June and July; John Jay, Philad. Nov.; B. Arnold, Crown Pt., May 19 and 23; B. Hinman, Ticonderoga, July 3; Guy Johnson, May 20; Matthew Thornton, June.

Letters of 1776, — from G. Washington, May 17, 21, July 15, 31; Alex. Hamilton; G. Washington, Feb. 10, Cambridge, calling for arms; and Chas. Lee, Stamford, Jan. 23; N. Y. Feb. 14, 16, 20; Mar. 4.

Rudolphus Ritzema, Montreal, Jan. 3d, 1776, gives an account of the assault on Quebec, the news of which had reached them that morning by Mr. Antill, an express.

Washington, Cambridge, Jan. 8, 1776, informs the N. Y. Congress that a fleet had sailed from Boston and that he had despatched Lee towards New York. He also writes, Cambridge, Mar. 19, about the evacuation of Boston; and later from New York, June 13 and 27, and Nov. 16.

These other letters of 1776, — from Putnam, N. Y. June 3; Schuyler, Nov. 3; Washington, Aug. 17, 23, 28; Sept. 23, Dec. 15; Ebenezer Hazard, Nov.; Gates, Ticonderoga, Oct. 31; Lee, N. Y. Mar. 5; Tench Tilghman, Oct. (several); Heath, Dec. 19.

Also these of 1776, — from A. Hamilton "captain of N. Y. artillery," July 26; Washington, July 14, 17; Egbert Benson, July 12, 15; Jos. Reed, Adj.-Gen'l., July 5; Alex. McDougall, Dec. 9; Schuyler, Albany, Oct. 7, Nov. 8, 11; Tench Tilghman, Oct. 17, 20, 27, 29; Trumbull, Dec. 12; B. Arnold, Schuyler's island, Oct. 12, 1776, on the fight at Valcour's island.

These letters of 1777, — from Schuyler, Feb. 1, 15; June 28; Washington, Feb. 1, 8, 10, 20; Mar. 1; Wooster, Feb. 17; Alex. Hamilton, Mar. 6, Apr. 5, 23; Gates, Albany, Apr. 26; St. Clair, Ticonderoga, June 25, 26, 28.

Letters of Washington, Aug. 30, 1776, and Feb. 20, 1777.

Letters of 1777, — from James Wilkinson, Oct. 9 on the action of Oct. 7; Schuyler, July 9, 14, 21; Gouv. Morris, Fort Edward, July 16; Saratoga, July 17.

2. "Selection from the papers in the office of the Secretary of State in Maryland. Selected in June, 1826." (p. 467.)

From the Council proceedings, 1753-1767. The first is a letter from H. S. Conway to Gov. Sharpe, Oct. 24, 1765; and the Governor's reply, Feb. 12, 1766.

Letter to Daniel Dulaney from the Sons of Liberty.

Letter book of the Council, 1777–79 (extracts); also 1779–80 (extracts); also 1780–1787 (extracts).

Letters from the delegates in Congress to the Governor, 1778, 1779.

Letters from Lafayette to the Governor, 1781, and one in 1784.

Letter from Gen. Smallwood, 1777; from O. H. Williams, 1782.

XXX.

Miscellaneous. 1. "The Relaçon of David Ingram in travelinge by lande [from] the baye of Mexico [to] Cape Britton, in August and September, A°. Dñi, 1582. Copied in 1841 from British Museum MSS. Additional, 1447. fol. 1." Sparks says: "Many parts of the following narrative are incredible, so much so as to throw a distrust over the whole, yet it is not improbable that the two sailors passed through the interior of the country and found a French vessel somewhere on the gulf of St. Lawrence. See Hakluyt's *Voyages*, vol. iii. p. 487. . . . See the relations of Hortop and Phillips in Hakluyt, iii. 462; in the old folio edition, vol. ii. pp. 469, 487. Hortop says that 96 sailors were left on shore. He and Phillips were of the number. They were taken prisoners and sent to Mexico, where they were retained many years."

2. "Inducements to the lykinge of the voyage . . to America, copied in 1841 from British Mus. MSS. additional, 1447, fol. 12."

3. "A true answer to a writing by Capt. Nath. Butler intituled The unmasked face of our Colonie in Virginia, . . . 1622. Copied in 1841 from Brit. Mus. MSS. additional, 1039, fol. 90."

4. "A Journal from Virginia beyond the Appallachians Mountains in Sept^r 1671, sent to the Royal Society by Mr. Claxton, and read Aug. 1, 1688, before the said Society. Copied in 1841 from Brit. Mus. MSS. additional, 4432, fol. 27. (See Beverley, p. 62, with Claxton's letter, Aug. 17, 1688.)"

5. "Remarks on the [preceding] Journal of Batts and Iallam in their discovery of the western parts of Virginia in 1671, by John Mitchell, M.D., F.R.S. Copied in 1841 from Brit. Mus. MSS. additional, 4432, fol. 6." The paper mentions that "in the year 1678, a party of people from New England discovered all these western parts of America to the northward of Virginia as far as the Mississippi, and a great way beyond it, which discovery of the English gave occasion to the discovery of the same parts two years afterwards by

Mr. La Salle, for the Indians, who were with the English and served them as guides in this discovery, went to Canada upon their return and gave an account of these discoveries to the French." Sparks adds in a note: "No authentic account of this expedition of a party of New England people has ever been discovered."

6. "An abstract of the lawes of New England. Copied in 1841 from the Brit. Mus. MSS. Additional, 3448, fol. 17." Sparks adds: "Printed in 1641; reprinted in the 5th volume of the Collections of the Massachusetts Historical Society."

7. "A relation concernyng the Estate of New England. i. the country; ii. the comodities; iii. the inhabitants. [Date about 1637.] Copied in 1841 from the Brit. Mus. MSS. additional, 3448, fol. 1."

8. "Mr. Charles Lodwick, his acct. of New York . . . dated from New York, May 20, 1692. Read before the Royal Society, Nov. 26, 1713. Copied in 1841 from Brit. Mus. additional MSS., 3339, art. 252."

XXXI.

[This stands in the *Catalogue* of 1871 as "Miscellaneous Papers, *unbound*." It does not seem to be in the collection.]

XXXII.

"Miscellaneous particulars and copies from manuscripts examined in London and Paris, 1828–29. Vol. I. and II."

VOL. I. "The extracts, translated from the Correspondence of Vergennes, Gérard, and Luzerne, are taken from the originals in the Public Offices in Paris. Other extracts are from the originals in the public offices of London. Many of the particulars concerning the war were communicated to me by Lafayette at Lagrange; Nov. 1828."

Extracts from Gérard begin Sep. 24, 1778; from Luzerne, Oct. 1779. There are also extracts from Marbois.

"In the French archives Mr. Jorelle showed me the volume of the private accounts for the Court and ministry for the year 1778. Among other things was entered the price of the snuff-boxes which were given to our Commissioners who signed the treaties:

"The box given to Deane, 6040 fr. = $1148.

"The box given to A. Lee, 3440 fr. = 654.

"This gift of a snuff-box I am told is uniformly given to all signers of treaties in France."

A letter of Luzerne, May 13, 1781, describes his relations with Gen. Sullivan on lending him money, 68 guineas every six months, and the ready acceptance.

Extracts of letters from Vergennes to Luzerne and to Gérard.

"Secret convention between France and Spain, by which Spain agrees to enter into the war against England, signed at Paris, Ap. 12, 1779. This convention was never printed." "I read it in the Archives des Affaires Etrangères on the 29th Oct. 1828. The following is the substance of its articles, which I committed to writing immediately after reading the Convention, not being permitted to copy it in detail. [I have since obtained a copy of it.]"

Mission of Baron De Kalb to America, in 1768. [From MSS. in the Depôt de la Gnerre, Paris.]

Soulés' History, 1787. In 1788, when two volumes were finished, the author applied to the French ministry and to Rochambeau for materials. It would appear from correspondence in the War Dept. in Paris that Sir Henry Clinton and others in England favored him with materials. Rochambeau writes, after reading the first two volumes in manuscript, to the ministry in commendation of them. The minister of war read them, suggested some changes, and approved their publication. Rochambeau asked the minister to permit him to furnish material. The request was granted on the condition that Rochambeau should not furnish his correspondence in detail. Rochambeau furnished two mémoires, which being corrected by the minister, were submitted to M. Soulés. "These circumstances," adds Mr. Sparks, "render it probable that his work is very authentic and accurate in the facts it contains; but such a process would naturally render it deficient in some important particulars, which the minister and the general might not wish to see stated in their exact proportions."

"[I passed two or three weeks with Lafayette at Lagrange in Nov. 1828. The articles which follow and to which his name is attached are the substance of his conversations with me at different times.] The conversations of Lafayette concerned Arnold, Count Donop, Schuyler, Lafayette in England, Louis XVI., the Barbary States, Washington, Gouverneur Morris, Jefferson, Mignet and Thiers, the French and Spanish expedition against Jamaica, Lafayette in Madrid, Conway, Lafayette's early life, Burgoyne's army, Arnold's plot and the execution of André, Lafayette in Paris, Langborn (aid to Lafayette in the Virginia campaign), Lafayette at Petersburg, Lafayette's negro spy in his campaign against Cornwallis, Rivington's Gazette, Dr. Franklin, Cornwallis and Greene, the soldier Morgan who as Lafayette's spy enlisted in Cornwallis' army, Lord Rawdon a prisoner, the Port of Dunkirk, opinions of the French Court, Lafayette in Russia, Gen. Nelson of Virginia, Lauzun, etc.

General Lafayette. [The following narrative was dictated to me by General Lafayette at Lagrange in the month of Nov. 1828. I have not written out all the particulars, because he has given me a copy of a written narrative embracing the same period, that is, the chief events of his life during the American Revolution. The following sketches are to be taken in connection with the narrative here mentioned.] The narrative follows. After describing the way in which he was induced to join the Americans, the principal headings of the narrative are: Arrival in Philadelphia; Brandywine; affair at Gloucester; proposed attack on Canada; affair of Barren Hill; General Lee and Monmouth [the facts here stated are printed in Sparks' *Washington*, v. 552]; Voyage to France; Versailles; Virginia Campaign; Siege of Yorktown; Col. Barber: Capitulation of Cornwallis.

Col. Pickering on Washington, 1828.

Franklin and Lafayette on the names of the latter's children.

Fontane's Eulogy on Washington.

Conway's cabal. [Extract from a MS. at Lagrange.]

Lord Holland on Louis XIV. (1829) and on Lord North.

"The following extracts were copied from the originals in the Public Offices in London, 1828." These are mainly from letters of Dartmouth and Germaine to Howe, Clinton, and Cornwallis.

The headings are: Troops from Russia, 1775; Expedition to the Southern States; Foreign troops; Offer of pardon; Exchange of prisoners, 1776; Provincials, 1777; Hessians; Gen. Lee; Mistaken views; Burgoyne; treaty with France, 1778; Georgia and Carolina, 1779; Allowances to loyalists; Pardon to criminals; Proposed expedition against New England; Tryon's incursion into Connecticut; Camden, 1780; Indians; intelligence from America; French Squadron; Maj. André; Arnold's plot; Germaine's letter to Arnold; Loyalists, 1781; an Expiring Cause; South Carolina; prisoners enlisted for the West India service; Vermont.

A second class of extracts covers: Gage to Dartmouth, 1774, Nov. 2, 15; 1775, Jan. 18; Feb. 17, Mar. 4, Expedition to Salem; May 15; June 12 (use of indians); June 25 (Bunker Hill); July 24; Aug. 20 and 26 (rebellion of long standing); Sept. 20, (petition of Congress to the King); Oct. 7, 15.

Howe to Dartmouth, 1775, Nov. 30; 1776, Jan. 16.

Dartmouth to Gage, 1775, Jan. 27; Apr. 15, offer of pardon; July 1.

Dartmouth to Howe, 1775, Sept. 5.

Col. Smith to Gage on the Lexington expedition, Apr. 22, 1775; and Percy's letter of Apr. 20, as to the scalping of British soldiers.

Joseph Warren, Watertown, May 17, 1775, to John Scollay, being a letter captured by Gage, and giving him and the British government to whom it was transmitted, their first intelligence of the capture of Ticonderoga.

Gov. Martin to Gage, May 26, 1775, on No. Carolina affairs.

Capt. Foy at Stade, Mar. 8, 1776, writes of the Brunswick troops that they are capable of all the service which may be required of them.

Howe to Germaine, Dec. 29, 1776 (on Trenton); Jan. 5, 1777 (on Princeton); Jan. 20 (critical state of affairs).

Germaine to Clinton, Mar. 8, 1778; Mar. 21 (war with France).

The King's instructions to Clinton, Mar. 21, 1778.

Maj. John Butler, July 8, 1778, to Col. Bolton on the attack on Wyoming.

Germaine to Clinton, Nov. 4, 1778 (praising the expeditions to devastate along the Sound); Jan. 1779 (enlistment of Indians); Sept. 27; Oct. 4 and 18.

Clinton to Germaine, May 22, 1779 (making complaint of Germaine's orders); Aug. 20 (proposes to resign); May 9, 1780 (on André); Aug. 25 (discouraging prospects); Aug. 31 (covering a proclamation intended to have been published by Lafayette in Canada); Aug. 31 (proposes André as adj. general).

In the letter of Clinton of Oct. 11 there is detailed the rise of his correspondence, eighteen months before, with Arnold, and its sequel. It is accompanied by a separate narrative of the events connected with the plot, beginning with the meeting planned between André and Arnold at Dobb's Ferry, Sept. 11, and is supported by the introduction of copies of the letters and documents appertaining.

Clinton to Germaine, Oct. 12, 1780 (on André's execution); Oct. 30 (on his payment of £6315 to Arnold).

Cornwallis to Clinton, Camden, Aug. 29, 1780.

Rawdon to Clinton, Oct. 29, 1780.

Clinton and Haldimand on the disaffection in Vermont, 1780.

Clinton to Germaine, Apr. 30, 1781, requesting liberty to resign if Arbuthnot is to command the fleet; Apr. 5, on Arnold's plan of campaign; July 18; Dec. 8, on Arnold's going to England.

Clinton to W. Ellis, May 3, 1782, on exchange of prisoners; May 11, on Capt. Huddy's case; to Gov. Franklin, Apr. 20, on the same, with Lippincott's statement, May 10.

Treaty of 1783. "Copied from the originals in the Foreign Department, London." Fitzherbert to Grantham, Aug. 17, Aug. 21, Sept. 11, Oct. 24,

Dec. 18, 1782. Grantham to Fitzherbert, Sept. 3, Dec. 18, 1782.

Epigrams copied from Rivington's Gazette, 1774.

Vol. II. The topics covered are:

Dr. Franklin and his application for a grant of land in the Ohio county. Treaty with France and A. Lee to S. Adams, Feb. 17, 1778. Opening of A. Lee's despatches. A. Lee to F. H. Lee, Feb. 28, 1778; to Theoderic Bland, Dec. 18, 1778, on Silas Deane. Approval of Gérard's conduct by the French government. Arthur Lee and Tom Paine. Lee's opinion of Congress and of certain persons; his estimate of Beaumarchais; his recall and the opinion of the French ministry on him. Beaumarchais' pamphlet suppressed by order of the King. A. Lee to Count Sarsfield. Livingston's secretaryship of Foreign affairs, in letter of Lee to Sam. Adams, Aug. 12, 1781; and Livingston's resignation in a letter to Wm. Lee, Jan. 26, 1783.

*** Many of these copies are marked as "from a book in the Department of State."

Franklin to James Lowell, June 2d, 1779, on the disputes of Deane, Lee, and Izard.

A. Lee to Sarsfield, Aug. 26, 1780, on his return to America.

A. Lee to his brother, Feb. 14, 1778; May 1, 1777; Feb. 9, 1778.

Jas. Gardoqui to Arthur Lee, Jan. 22, 1778.

Franklin to Wm. Lee, Mar. 6, 1778.

R. H. Lee to A. Lee, Feb. 11, 1779; Aug. 14, 1779 (on Gérard).

James Lovell to Dr. Franklin, Apr. 29, 1779.

Information of Paca and Drayton, Apr. 30, 1779, against A. Lee.

Capt. S. Nicholson to William Carmichael on A. Lee, May 2, 1779.

Correspondence of A. Lee and Gérard [from book in Dept. of State] in 1780.

Joseph Warren to Dr. Franklin, Apr. 26, 1775, on Lexington [from original in the Lee Papers in Harvard College library].

John Adams to Gen. James Warren, July 26, 1778; to James Lovell, July 26, 1778 (on Silas Deane); to Samuel Adams, Aug. 7; to James Lovell, Sept. 26; to Sam. Adams, Dec. 5 (on Franklin, Deane, and Lee); to James Lovell, Jan. 3, 1779.

Thomas Paine on Deane's recall, from *Penna. Packet*, 1779.

Memorandum of Sparks in refutation of A. Lee's assertion that Silas Deane had made £60,000 in France; and a note on Silas Deane's papers, received by Sparks from Mr. Mitchell of Hartford, which supplied some omissions in the letter of Deane, printed in Pitkin, and copied by Sparks in the *Diplom. Corresp.* i. 25.

Note on the papers in the Dept. of State, which show the instructions to John Adams and Franklin (*Secret Journals* ii. 225, 229, 232) as written by Gouverneur Morris; and the report on the boundaries (*Ibid.* p. 326) written by Madison.

Criticism of a speech of Burges of Rhode Island (1830) on an understanding of France and Spain about the valley of the Mississippi.

Letters of Arthur Lee, Aug. 16, 1777; Sept. 5, Oct. 7; Nov. 25 (suspicions and whispers), Nov. 29 (groundless charges); Dec. 17, 1777; June 5; Feb. 9, 13, 16, 17; Apr. 8, 14, 18; May 6; July 15; Sept. 2, 1778; Apr. 8, 1779; May 28, July 5, Aug. 3, Sept. 15, 1782 (aspersions on Silas Deane); Jan. 26, 1783.

Deane's address to Congress. Dec. 1778.

Francis Dana to Wm. Ellery, Paris, Mar. 16, 1780 [from Mr. Dana's MS. Letter books], and other extracts from his letters to J. Lovell, Aug. 23, 1780; to John Adams, Oct. 10, 1782; to A. Lee, Oct. 25, 1782.

A. Lee to F. Dana, July 6, 1782.

Gouverneur Morris, Apr. 11, 1809, on the Adamses.

John Jay to Gouv. Morris, Oct. 18, 1782 (treaty of Peace); July 17, 1783.

Letter of Dr. Gordon, 1788.

Anonymous letters to Washington, Jan. 8, Jan. 20, Mar. 1792.

Gov. Chas. Pinckney to Washington, Oct. 14, 1792.

Edmund Randolph to Washington, Jan. 30, Feb. 28, June 11, Oct. 26, 28, 1793; Apr. 19, 1794; Apr. 28, May 22, Oct. 4, 6, 8, 14, 16, 21, Nov. 6, July 7, 1795. Edmund Pendleton to Washington, Sept. 11, 1793.

Gov. Lee of Virginia to Washington, Sept. 17, 1793.

C. C. Pinckney to Washington, Feb. 24, 1794.

James McHenry to Washington, Mar. 31, 1794, Feb. 1, June 26, 1798.

John Nicholson to Washington, Apr. 6, 7, 1794.

John Jay to Washington, May 4, 1794; Jan. 26, 1796.

Anonymous letter to Washington, June, 1794; July 13, Nov. 1795.

Col. C. M. Thurston to Washington, June 21, 1794.

H. Young to Washington, Mar. 2, 1796.

Col. Pickering to Washington, Jan. 20, Mar. 10, Apr. 14, Sept. 13, Sept. 18, 1798.

Oliver Wolcott to Washington, Jan. 30, 1798.

Edw. Carrington to Washington, June 4, 1798.

James Lloyd to Washington, June 18, 1798.

Washington's opinion of general officers. Copied from a paper in General Washington's handwriting; date uncertain, probably about 1791 or 1792. It gives brief characterizations of Lincoln, Steuben, Moultrie, McIntosh, Wayne, Weedon, Hand, Scott,

Huntington, Wilkinson, Gist, Irvine, Morgan, Williams, Rufus Putnam, Pinckney; with some views as to the elegibility of any of them to command the troops of the United States.

*** The original of the last paper is in the State Library at Albany, and it has been edited in print (1879) by Dr. H. A. Homes of that library; and it is also printed in the *Mag. of American History*, iii. 81.

XXXIII.

Miscellanies. A common-place book of extracts, with jottings of literary projects, usually of historical bearings. Most of the memoranda pertain to American history, e. g the spurious Montcalm letters (p. 103); Treaty of 1763 (p. 120); Franklin to Chas. Thomson on the Stamp Act (p. 144); Sugar Act in 1732 (p. 155); accounts between the United States and the several States at the end of the war (p. 159); William Whipple to Josiah Bartlett, Nov. 16, 1776, on the army (p. 163); Lord North (p. 179); bibliography of the history of the indians of North America before Columbus, by Dr. Harris (p. 182); on White Kennet's books, which Sparks supposes to have been possibly purchased by James West (p. 213); dates of American patents and Charters (p. 228); on Bolingbroke's *Letters on History* (1826), called "loose and unfinished" (p. 302); other opinions on the writing of history; Historical notes and memoranda, 1826 (p. 327); Constitutions of the States, when adopted (p. 340); Answer of Connecticut to charges preferred before the King and Council in 1727 (p. 344); Massachusetts' Colonial agents (p. 359); plan of Union in 1754 (p. 353); laws of parliament affecting the Colonies (p. 365); influence of the Eastern Colonies upon the South (p. 372); Sugar Act (p. 375); opinions on the prerogative; British administrations (p. 408); Extracts from Jared Ingersoll's letters (p. 411, &c.); *The Censor*, 1771–1772; Rhode Island petition of 1764 to the King (p. 424); Notes and extracts on Dependence and Independence (p. 429); Extracts from MS. life of Gen. Dearborn by his son H. A. S. Dearborn; on Saratoga; References in Franklin (p. 472); Mottoes (p. 514).

XXXIV.

"Papers of Gouverneur Morris, being Letters and Extracts from his Diary. Copied from the originals, used in writing his Life."

1. The letters begin with one from Chastellux, Oct. 11, 1784, and end with a letter to Moses Kent, Jan. 23, 1816.

2. "Extracts from Gouverneur Morris's diary, —not printed in his *Life*" (p. 129). Begins July 25, 1789; ends May 3, 1812.

XXXV.

"Selection from the Papers in the Office of the Secretary of State in New Hampshire. Selected in Oct. 1826."

They extend from 1775 to 1785, and include letters of Gen. Warren, 1775; Gen. Stark, 1775, 1776, 1777, 1781; Gen. Sullivan, at Winter Hill, 1775, 1776; at Princeton, 1777; others, 1777, 1778, 1780, 1781; Gen. Montgomery, Ticonderoga, 1775; Timothy Bedel, St. John, 1775; David Wooster, at Montreal, 1776; Gen. Schuyler, 1776, 1777; Gen. Chas. Lee, 1776; Gen. Arnold, 1776; Gen. Wayne, at Ticonderoga, 1777; Gen. St. Clair, 1777; Ira Allen, 1777; Seth Warner, 1777; Burgoyne's instruction to Baum (p. 237); Gen. Lincoln, 1777; Gen. Enoch Poor, 1777, 1778, 1779; Gen. Gates, 1777; Washington, 1777, 1779, 1782–1785; Josiah Bartlett, 1778; Wm. Whipple, 1777, 1778; Alex. Scammell, 1777, 1781; Timothy Pickering, 1781.

XXXVI.

"Selection from the Papers in the Public Offices of New Jersey, North Carolina and South Carolina. Selected by me. April, 1826."

1. "Selected from the Papers in the Office of the Secretary of State in South Carolina. Selected in May, 1826."

Extracts from Council Journal, Sept. 21, 1774.

Letter of Nathl. Greene, Feb. 11, 1782.

Memorial to the legislature by Ben Guerard, Feb. 2, 1784.

Letters, messages, memorials, and other legislative papers of 1773, 1774, 1775, 1776.

["Journals missing from Oct. 20, 1776, to Jan. 8, 1782."]

Journals of the House for 1782, 1783.

Journals of the Commons House of Assembly from March 1769 to Nov. 1771; for 1772; for 1768.

2. "Selection from the Office of the Secretary of State in New Jersey. Selected in June, 1826" (p. 247).

Memorial of the New Jersey brigade, Apr. 17, 1779.

Letters from Washington, 1777, 1779, 1780, 1782, 1783.

Letters of Gen. Heath, Robert Morris, Franklin, Henry Laurens.

Proceedings of a Commission, March 26, 1777, etc., to regulate the price of labor.

Declaration of Maryland, 1778.

Convention at Hartford, 1780.

Secretary of Congress, Aug. 24, 1785, to the Gov. of New Jersey.

Letters of Abraham Clarke, 1780, 1781.

Correspondence of Washington and William Maxwell, 1779.

Letters from New Jersey troops, 1779.

Letters of W. C. Houston (1780); John Felt (1779); Nath. Scudder (1778); Washington (1777); Elias Boudinot (1777); Daniel Colman (1777).

8. "Selections from the Papers in the Office of the Secretary of State in North Carolina. Selected in May, 1826."

Journal of the Assembly, from Apr. 13, 1762 to Dec. 5, 1768; from Oct. 23, 1769 to Dec. 23, 1771; from Jan. 25, 1773 to Apr. 8, 1775.

Journal of the first Provincial Convention of North Carolina, held at Newbern, Aug. 24, 1774. etc.; Apr. 3, 1775 to Apr. 7, 1775; at Hillsborough, Aug. 20 to Sept. 10, 1775.

The Provincial Congress had three sessions, Oct. 18–22, 1775; Dec. 18–24, 1775; Feb. 28—March 5, 1776. [Extracts follow]; again, Apr. 4—May 14, 1776. [This journal was printed.]

Journal of Proceedings of the Council of Safety, June 5—Oct. 25, 1776.

Proceedings of the Provincial Congress, Dec. 18, 1776. Bills of Rights and Constitution, adopted.

"This journal was printed. The original is not found in the Secretary's Office."

"Public Documents of the Colonial Assemblies were printed in the *North Carolina Gazette*, published at Newberne."

"There is no evidence that the Journals of the Provincial Council and the Council of Safety were printed."

4. "Letters." Correspondence of Gov. Caswell, 1777, 1778, 1779. Abstracts of debates in Congress, 1777. Gen. Ashe to Gen. Lincoln, 1779. Letters to and from Lincoln and Caswell, 1779.

XXXVII.

"Extracts from the Journals of the New York Provincial Congress and Convention, from 1775 to 1778. Copied from the originals in the Secretary's Office, Albany, Apr. 1831. These are to be taken in connexion with another set of extracts copied from the same journals, and which are bound with my papers in the volume lettered NEW YORK—MARYLAND."

1. Memoranda from the Journals, beginning Apr. 20, 1775. Provincial Congress, May 22, 1775. Committee of Safety, July 11, 1775. Congress [continued], July 26. Com. of Safety, Sept. 4, Congress, Oct. 4. Second Prov. Congress, Dec. 6, 1775. Com. of Safety, Jan. 3, 1776. Third Congress, May 16. Com. of Safety, Aug. 19, 28, etc., etc.

Provincial Constitutional Convention, Apr. 20, 1775, etc., Proceedings and letters. Committee of Safety, 1775. Provincial Congress, 1776 (p. 91); 1777 (p. 124).

XXXVIII.

"New York and Virginia Papers, 1740–1776." In quarto. "Correspondence concerning public affairs in New York, 1740–1767. Concerning Lord Dunmore's operations in Virginia, 1775, 1776. Copied from the originals now in the possession of Col. Thomas Aspinwall, London (1845), formerly belonging to George Chalmers."

*** These papers now belong to Mr. S. L. M. Barlow, of New York, and have been printed in the *Aspinwall Papers* (Mass. Hist. Soc.), vol. ii.

I. "Letters from De Lancey, Smith, Livingston, Watts and others to General Monckton, Governor of New York, relating to affairs between 1760 and 1770. Monckton was at this time in England. His place in the government was supplied by Lieutenant Governor Colden. The writers of the letters were mostly members of the Council. Monckton resigned in 1765 and was succeeded by Sir Henry Moore."

There are a few papers earlier than 1760,—a letter of George Clark, Jr., London, June 20, 1740; a speech of Lt. Gov. Clarke to the Assembly of New York, Apr. 15, 1741; letter of Gov. G. Clinton, New York, Dec. 13, 1744. In 1760 begin letters of John Watts, Jeffrey Amherst, Cadwallader Colden, Oliver De Lancey, William Smith, John T. Kempe, Richard Morris, Daniel Horsmanden, Lt. Gov. Carleton, General Gage, R. R. Livingston,—ending in 1769.

II. "Lord Dunmore's operations in Virginia, 1773–1776." "Notes of Lord Dunmore's correspondence, 1773–1776." "Lord Dunmore's book of original letters." The letters begin not in 1773, but in 1775, Jan. 4. A letter of Nov. 1775, shows that Dunmore had given orders to Colonels Connelly and McGee to raise a regiment of indians to be called "Lord Dunmore's own regiment of indians." Dunmore arrived in New York in Aug. 1776. The King's additional instruction to Dunmore, Nov. 4, 1773. Letters of Dartmouth to Dunmore, 1774–1775, with letters of Capt. Squire, R. N.; Admiral Graves (from Boston) in 1775; Capt. Hammond; Gov. Andrew Lewis; and Sir Peter Parker in 1776.

XXXIX.

"Selection from Papers in the New York Historical Society, and from the Papers of Stark, Adams, Sherman and Gates."

1. "Selection from the manuscript Papers deposited in the Historical Society of New York, viz.: Those of Lord Stirling, Col. Stewart, Col. McLane, William Duer, and others. Selected in October, 1826."

Letters of Washington (1782); Jas. Monroe (1782); Sterling (1781, many); Stark (1781,

many); E. Walbridge (1781); Roger Eanos (1781).

Proposals of a Committee of Sergeants of the Pennsylvania line (p. 100), with Wayne's comments, dated at Princeton, Jan. 4, 1781.

Letters of N. Greene (1778); Abra. Clark (1778); Richard Izard (1777, 1778); Tench Tilghman (1776 at White Plains and Harlem); George Clinton (1776, at Kingsbridge); Phil. Livingston (1776); Philip Schuyler (1776); B. Franklin (1776); Wm. Thompson (1776); Jona. Trumbull (1776); Stirling (1775, 1776); Alex. Carmichael (1776); Isaac Sears (1776); James Duane (1776); Nath. Woodhull (1775); William Livingston (1775); Chas. Pettit (1775); G. Weedon (1779); Edmund Burke (Aug. 2, 1774, to the Com. of Correspondence of New York, p. 238); Jos. Reed (1781); Wm. Irvine (1781).

N. Y. Com. of Correspondence formed 16 May, 1774 (p. 270); their records, etc., to Aug. 1774.

Letters of Wm. Franklin (1765).

"Short Hints towards a scheme for uniting the northern Colonies (p. 294). Note of Franklin about them, June 8, 1754. Letter of James Alexander, 1754. Remarks on the "Short Hints." The originals of these papers are in the handwriting of Cadwallader Colden.

Letters and circulars of Lord Dartmouth (1774, 1775); Minutes of Council meeting in New York, May 1, 1775.

Remarks upon the British expedition to Danbury, Conn., in 1777, as contained in Washington's Life by Marshall, vol. 3, p. 89, etc. By Elisha D. Whittlesey, of Bedford (p. 366).

2. "Copied from Gen. Gates' Papers." Letters of Gates (1776, 1777, 1778, 1782). These letters are irregularly bound. Those of 1777 relate to his command during the Burgoyne Campaign. Gates' order to Arnold, Ticonderoga, Aug. 7, 1776 (p. 436).

List of the wants of the northern army, Nov. 7, 1776 (p. 444).

Gates' opinion as to an assault on Boston, Dec. 1775 (p. 446).

Gates' letter to D'Estaing, Boston, Dec. 30, 1778.

3. "Selections from General Stark's Papers. Copied from the originals furnished by his son, Major Stark, Aug. 1827" (p. 466). Letter respecting his treatment by Congress.

Letters of S. Kirkland (Fort Schuyler, May 23, 1778) to Gen. Schuyler; Schuyler (1777); Stark (Aug. 22, 1777) on the Bennington action.

Table of Burgoyne's losses (14,000) in verse.

Heath, about foraging parties from West Point, 1780.

Letters of Stark to Chittenden (1781); Seth Warner (1777).

Thanks of Congress for Bennington.

Gates' instructions, Oct. 18, 1777, to Stark, after Burgoyne's surrender.

Paper relating to the union of Vermont and the United States, 1781.

Letters of H. Glen to Lord Stirling (1781); Stark, Saratoga (1781); Gates (Robinson's house, 1778).

4. "Copied from a volume containing the Correspondence of the Committee who visited the army in the year 1780. The volume once belonged to Mr. Peabody of New Hampshire, who was one of the Committee. It is now in the hands of Mr. Richard Bartlett, of Concord, N. H. Copied in 1827." (p. 546).

Letter dated Headquarters, Apr. 3, 1780, addressed to the Pres't of Congress, by Washington; another to the Committee, dated Morristown, May 25; and others of May 31, June 11, 12, 13, 19, 20, 23, 27, July 13, 18, Aug. 17, 1780.

5. "Correspondence between John Adams and Roger Sherman on the Constitution of the United States. The original letters are in the possession of Mr. Baldwin of Albany, a grandson of Roger Sherman. Copied, Albany, Oct. 6, 1826." These copies are in Sparks' own hand. The letters of John Adams are dated Richmond Hill, July 17, 18, 20, 1789. Those of Sherman are dated New York, July 18, 27, 1789.

6. Miscellanies. Letter of Eben Hazard, Philad., Dec. 25, 1806, to Rev. Samuel Miller, about material for American history. Jefferson to Miller, Sept. 14, 1800, on New York history. Gen. Wilkinson, Apr. 9 and 13, 1817, on his Memoirs. Jefferson, May 17, 1814, to Horatio Gates Spafford, on the political news of the time. ["Has been published."] Letter of David Wooster, Camp near New York, July 7, 1775, to Roger Sherman, upon the slight of Congress in not making him Major General. ["The original is in the hands of Mr. Baldwin of Albany. Copied, Oct. 6, 1826."] Letter from Mary Wooster, widow of General Wooster, New Haven, Jan. 30, 1792, relating to claims on Congress because of General Wooster's services, addressed to Roger Sherman.

XL.

"The Entire Correspondence of Mr. Oswald, in the negotiation of the peace of 1782 with the American Commissioners in Paris. Copied from a manuscript volume in the possession of the Marquis of Lansdowne. London, February, 1829. And also the correspondence of Mr. Grenville and Fitzherbert, copied from the originals in the office of Foreign Affairs in London."

1. The Oswald papers. Begin May 21, 1782; end Jan. 20, 1783. The copies include some

earlier papers, like the proceedings of Congress in 1778, and papers pertaining to the communications with the British Commissioners in that year; and the commission of B. Franklin, &c., in 1781.

2. "Selections from the Correspondence of Mr. Grenville and Mr. Fitzherbert, respecting the peace of 1783. Copied from the original papers in the Foreign Office by permission of Lord Aberdeen, Secretary of State for Foreign Affairs. London, March 19, 1829." (p. 240.) These transcripts are in Mr. Sparks' own hand.

XLI.

"Correspondence of Oliver Pollock at New Orleans and other papers relating to the Revolution. And also Miscellaneous Papers."

1. "Pollock's Letters. Copied from the originals in the Department of State at Washington, 1854." Begins with Pollock to Congress, New Orleans, Oct. 10, 1776; Neapolitan ambassador to the American Commissioners, 1778; Congress to O. Pollock, June 12, 1777, Oct. 24; July 19, 1779. Pollock to Congress, Apr. 1, 1778, July 6; Oct. 15, 1781; Sept. 18, 1782. Report of Robt. Morris, Nov. 21, 1781.

2. Circular of the American Commissioners in Paris, to captains of privateers, &c., against depredations on vessels of neutral nations. (p. 46.)

3. MS. copy of a printed tract: *Minutes of the trial and examination of certain persons in the Province of New York charged with being engaged in a conspiracy against authority of the Congress and liberties of America.* [Trial of Matthews.] London. 1776.

4. "Copied from the MS. Journal of the Council of New York." Begins Oct. 22, 1765; ends Nov. 6, 1765. (p. 68.)

5. Connecticut Records, vol. i., 1764–65. [Extracts, pp. 69–71.]

6. Original letters of Abraham Whipple, Marietta, Nov. 8, 1795, asking for a command on the lakes, if the government establishes a naval power there; and one dated at Providence, June 15, 1789, conveying a copy of his memorial to Congress in 1786, recounting his services in 1775, &c., his going to Bermuda for gunpowder, and his other naval services.

7. Memorandum of Mr. Alexander Murray of Edinburgh — apparently a scheme for a book.

8. Mr. Sparks' memoranda on books and tracts, made in the British Museum, Mar. 1841. Notes of a comparison of De Bry's edition of Hariot's Virginia with the Hakluyt Society reprint. Notes of titles of books relating to the first settlement of America, owned by Robt. S. Halford of London. (p. 84.) Notes of titles in the Historical Society.

9. T. Pickering to Jared Sparks on the battle of Germantown, in a letter dated Salem, Aug. 23, 1826. [Printed in *No. Amer. Rev.*]

10. Notes on Mackenzie's *Life of Paul Jones.*

11. Copy of letter written by Lafayette while in Prison, dated "Magdebourg le 15 mars (1793)."

12. Letters in English of Rochambeau, Paris, 19 Jan. 1784, marked "Duplicate,' addressed to and endorsed by Washington. It concerns the Society of Cincinnati, and is accompanied by a copy of a letter by the Marshal de Segur.

13. W. H. Foote, Feb. 27, 1833, respecting the destruction of certain letters of Washington.

14. Letters about Capt. Henry Sparks, Jan. 25, 1776.

15. Letter of K. B. Gibbs (Fort George Island, Dec. 1, 1849), addressed to Buckingham Smith, concerning the spot of Ribault's landing on St. John's River, Florida.

16. "Copies from Col. Bland's Papers."

Letter to Rev. Jacob Duché, 1777.

Specifications of barracks for Convention troops at Charlotteville, 1778. Orders, May 2, 1779. Bland to Maj. Gen. Phillips, May 11, 1779. Letter of Washington, May 17, 1779, respecting British purposes to rescue the Convention troops.

Mary Lee to Maj. Theodorick Bland, Mar. 1, 1747–48.

Theodorick Bland, July 6, 1779, to Maj. Gen. Phillips. Letters of Gen. Phillips, July 7, 10, 14, 15, 24; Aug. 10, 1779.

Washington, Aug. 31, 1779, to Col. Bland, respecting Gen. Phillips' wish to go to Canada.

Roll of the family of Gen. Phillips, Sept. 11, 1779; and of Gen. Riedeal, Sept. 12.

Letter from Gen. Specht, Oct. 3, 1779.

Considerations on American Finance, Nov. 1779 [a fragment], by Theod. Bland.

Order about horses, 1779.

Charles Montaut to Col. Bland, Jan. 11, 1780.

Letters of Benj. Harrison, Aug. 22, 1780; J. Bannister to Col. Bland, 1780, 1781; S. G. Tucker to Col. Bland, 1782.

XLII.

1. "Journal of the Siege of Quebec, 1775." "From the manuscripts of George Chalmers. Bought in London, 1843." "Journal of the Siege from 1 Dec. 1775." The earliest entry is Dec. 5. Gives a particular account of the part of the writer — a captain — in the defence of Dec. 31, calling it "a glorious day for us, and as complete a little victory as was ever gained." The last entry is May 9, 1776. "As the scene of action is now removed from this, I close the journal."

2. Narrative of Facts relating to American affairs. A printed folio brochure. Relates to matters mostly of 1768, in Massachusetts and Virginia.

XLIII.

"British Papers relating to the American Revolution." Four volumes. "Copied from the originals in the State Paper Office, London. Selected by me in Aug. 1840."

Vol. I. 1. *New Hampshire*, 1765–1774. (pp. 1–36.) Letters between the royal governors and the home government.

2. *Massachusetts*, 1764–1774. Letters between the royal governors and the home government (pp. 37–198), and including a Letter of Admiral Montague, dated Boston, June 12, 1772, about the destruction of the "Gaspee" in Narragansett Bay, with the deposition of William Dickinson, a midshipman on the "Gaspee," and a letter of Apr. 8, 1772, of Montague to Gov. Wanton of Rhode Island, and Wanton's reply, May 8, 1772, respecting the troubles occasioned by the revenue officers there. (pp. 140–143.)

3. *New York*, 1763–1774. Letters between the royal governors and the home government. (pp. 201–319.)

Vol. II. "Selected in September and October, 1840."

1. *New Jersey*, 1765–1774. Official correspondence of the royal governors with the neighboring colonies and with the home government, chiefly the latter. (pp. 1–40.)

2. *Virginia*, 1764–1774. Official correspondence of the royal governors with the home government. (pp. 41–90.) "Lord Botetourt's instructions, 1768. Copied from the Records in the Privy Council Office, Whitehall, 1840." (pp. 91–118.)

3. *North Carolina*, 1764–1774. Official correspondence of the royal governors with the home government. (pp. 117–176.)

4. *South Carolina*, 1763–1774. Official correspondence with the home government. (pp. 179–255.)

5. *Georgia*, 1766–1774. Official correspondence with the home government. (pp. 258–297.)

Vol. III. "Selected by me in September and October, 1840." "Also, Commissions and instructions to governors. Copied from the records in the Privy Council Office, London. Selected by me in August, 1840."

1. "Proprieties, — comprising Connecticut, Rhode Island, Pennsylvania, Maryland."

The official correspondence of these Colonies are arranged, not as in vols. i. and ii., by Colonies, but as they stand, intermixed, in chronological order, in the volumes in the State Paper Office, marked "Proprieties, vols. 71, 72, 73, 74, 75, 76, 77." They cover the interval from 1763 to 1776.

2. *Military*. These letters are taken from the volumes in the State Paper Office, marked "Military Correspondence, vol. I. to X.," and begin in 1763 and end in 1774. The transcripts include letters of Gen. Gage (those from Boston begin Oct. 30, 1774), Lord Halifax, H. S. Conway, Lord Shelburne, Lord Hillsborough, Gov. Hutchinson, Lord Dartmouth, Gen. Haldimand. (pp. 72–187.)

Table showing "the general distribution of his Majesty's forces in North America. New York, 24 Sept. 1765." (p. 89.)

"Sir William Johnson's Account of the Expense of the Indian Congress lately held with them for the settlement of the Indian boundaries. Nov. 1768." Amount, £13,564.14.1. (p. 138.)

"Distribution of the troops in North America under the command of his Excellency, Lieut. Gen. Thomas Gage. New York, Oct. 31, 1772." (p. 169.)

3. "Minutes taken in the State Paper Office." [These are in Mr. Sparks' own hand-writing.] "From the original papers. London. Oct. and Nov. 1840."

Massachusetts. Extracts from letters beginning in 1768. In 1772 note is made of Nos. 6 and 7 of "The Censor," a paper published in Boston, supporting the Hutchinson party, which numbers were sent to England by Hutchinson. (p. 200.) The last memorandum is of Sept. 25, 1774.

New Hampshire and other Colonies. Extracts from letters beginning Dec. 19, 1767. The order is somewhat mixed, but the latest date of any Colony is 1776.

Military Correspondence. The entries begin in 1763, and consist of extracts and notes upon letters. References in Gage's letters to outrages upon the troops in Boston by the inhabitants in 1769. Major Rogers in 1768 at Michillimacinac.

A letter of Lt. Gov. Oliver, Nov. 20, 1775, says the 15,000 inhabitants of Boston are reduced to 3500, divided into 750 males properly inhabiting the town, 250 male refugees within the town from the country, and 2500 women and children. "Whole number of loyalists — men, women and children, about 2000."

Gage's official statement of the loss at Lexington, etc.

June 12, 1775, Gage writes to the ministry: "We need not be tender in calling upon the savages, as the rebels have shown us the example by bringing down as many indians against us here as they could collect."

4. "Instructions for Governor Eden, Maryland, 1769. Copied from the records in the Privy Council Office, Whitehall, 1840." (pp. 231–246.)

5. "Massachusetts. Gov. Hutchinson's commission and instructions, 1771. Copied from the Records in the Privy Council Office, Whitehall, 1840." (pp. 247–267.)

6. "Massachusetts Bay. Report upon the state of the disorders, confusion and misgovernment, which have prevailed in this province." (1771?) (pp. 268-269.)

Vol. IV. "Copied from the originals in the board of Trade (Old Plantation Office). Selected by me in August and Sept. 1840."

"Also, Miscellaneous Papers relating to the Colonial History. Copied from the originals (or records) in the British Museum and in the possession of Sir Thomas Phillipps, Worcestershire. Selected by me, 1840."

1. *New Hampshire.* Gov. Wentworth to the Lords of Trade (Mar. 4, 1764) about contraband trade (p. 2); the Stamp Act (pp. 3, 9); the Fisheries (p. 5); population and manufactures (p. 6); act concerning usury (p. 10); marriage act (pp. 11. 12).

2. *Massachusetts.* Trade, etc., in 1763. (p. 14.) Letters of Gov. Bernard to the Lords of Trade, 1765, 1766. (p. 28, etc.) Act of Compensation to sufferers and indemnity to offenders in the late times, 1767. (p. 32.) Hutchinson at Hillsborough, 1771. Additional instructions to Hutchinson, 1771. (p. 35.) Hutchinson to Dartmouth, 1773. (p. 36, etc.)

3. *New York.* Official correspondence with the home government, 1763, etc. Petition on public currency, 1769.

4. *New Jersey.* Official correspondence with the home government, 1764. Gov. Franklin on the Stamp Act. (p. 51, etc.) Gov. Franklin to the Earl of Shelburne, 1766. Petitions to the King, 1770. Memorial on the Act for Erecting Courts, 1770. Gov. Franklin to Hillsborough, and other official correspondence, 1771.

5. *Virginia.* Paper on the condition of the Colony in 1763. (p. 64.) Official correspondence with the home government, 1764, 1765. Francis Fauquier on the Stamp Act [printed in the Life of Patrick Henry, Sparks' *Amer. Biog.*], and other letters. (p. 78, etc.) Fauquier's official correspondence, 1766. Papers on the Slave trade, 1770.

6. *North Carolina.* Official correspondence with the home government, 1764.

7. *Georgia.* Stamp Act papers. (p. 92-98.) Papers on Slavery. (pp. 99.) Paper on Trade and Produce, 1766. (p. 100.)

8. "Minutes taken in the Board of Trade, Oct. 1840." *Massachusetts*, 1763–1770; *Virginia*, 1768–1771; *New Jersey; New Hampshire*, 1767; *North Carolina*, 1762.

9. "Colonies, 1670. Commissions, instructions and grants. Copied from the Harleian MSS. in the British Museum, 1840."

Commission, 1670, constituting the Council for foreign Plantations. Instructions to the same, 1670. Additional instructions to the same, 1670. Grant to the same, 1670. Additional Commission, 1671.

10. "Extracts from the Proceedings of the Committee of Trade and Plantations, concerning the Charter of Massachusetts, 1677. (p. 132, etc.) "Copied from the 'Journal of Trade and Plantations' in possession of Sir Thomas Phillipps, Middle Hill, Worcestershire, Nov. 13, 1840."

11. "State of the Colonies, 1721. Copied from a manuscript in the King's library, in the British Museum, 1840. See Chalmers' Introduction, etc., ii. p. 39." Dated at Whitehall, Sept. 8, 1721, and signed by J. Chetwynd, P. Docminique, M. Bladon, E. Ashe.

12. "Scheme of government for the West Indies. Apparently a supplement to the preceding paper. (By West Indies is here meant all the American Colonies.) Copied from a manuscript in the King's library, in the British Museum, 1840." (p. 199.)

13. "Massachusetts and Connecticut. Instructions, 1752. Copied from the records in the Privy Council Office, Whitehall, 1840." (p. 204.)

14. "Journal of Braddock's expedition, 1755. Copied from a manuscript in the King's library, in the British Museum, 1840." (pp. 209–249.) It begins: "The general arrived at Hampton in Virginia the 20th of February, 1755," etc.

15. "Petition to the King concerning paper money in the Colonies, probably about 1760." (p. 250.) "Copied from a manuscript in the possession of Sir Thomas Phillipps, Middle Hill, Worcestershire, Nov. 12, 1840."

16. "Project of a bill for uniting the proprietary and charter governments to the Crown. Probably about 1696." "Copied from a MS. in the possession of Sir Thomas Phillipps, Nov. 11, 1840."

"Petition to the Queen, 1706, concerning the proprietary and charter governments." (p. 260.) "Copied from a MS. in the possession of Sir Thos. Phillipps, Nov. 11, 1840."

XLIV.

The Stamp Act, etc. (unbound).

1. "Sketch for a history of the Stamp Act." An unbound MS. in Mr. Sparks's handwriting, in three sections, making 126 pp.

2. "Notes and Memoranda concerning the Stamp Act." Contents: (1) History of the Stamp Act, (origin), Maryland, Virginia, Massachusetts; printed books (extracts); Virtual representation and plan; Taxation; Representation and plans proposed; Franklin's Examination, Feb. 1766; Arguments for and against the Stamp Act. (2) Grenville's Revenue Act confirmed by the King,

Apr. 5, 1764; Trade Act, 1764; Bernard's Plan, 1764. (3) Stamp Act in England. (4) Stamp Act in America; proceedings without stamps; authority for and against the Stamp Act and the power of Parliament; newspapers of 1765; notes, etc.; Sons of Liberty. (5) Repeal of the Stamp Act; Walpole's history; Journals of the Commons (extracts); miscellaneous data. (6) Dates and Proceedings in the Colonies; Journals of the Commons; Declaratory Act; Act of Indemnity; Laws of Parliament relating to the Colonies; Paper money; Townsend's Revenue Act; Act appointing Commissioners. (7) Part of a letter from Daniel Dulany to General Conway, written probably in 1766 or 1767, and after the repeal of the Stamp Act, as would appear from a letter of Lord Shelburne, Feb. 6, 1767, in the *Chatham Correspondence* (iii. 192), where reference is made to this letter, and to Dulany's tract, *Considerations on the propriety of imposing taxes on the British Colonies.*

3. "Papers received [by the library] from Mrs. Sparks, June 24, 1867." (1) Benjamin Vaughan to John Vaughan, Paris, Dec. 15, 1782. Sparks adds, "The above letter is copied from the original in the handwriting of Benjamin Vaughan, who was employed by Lord Shelburne as an agent connected with the Commissioners for negotiating the treaty of Peace in Paris in 1782." (2) Copy from the *Pennsylvania Evening Post*, Aug. 10, 1779, addressed "To the good people of Ireland," signed "B. Franklin, Versailles, Oct. 4, 1778." Mr. Sparks adds, "Purporting to be written by Franklin, with scarcely a shadow of probability. (3) Extract of letter from Stephen Higginson, Philadelphia, in Congress, Apr. 1783, to Theophilus Parsons, about the treaty of Peace. (4) Letters from Benjamin Franklin (copies in MS. or print), namely, to Whitefeld, New York, July 2, 1756; Craven St., London, 1764 (from the *Matapan Register*, May 21, 1839); London, Apr. 22, 1771 (from *Boston Daily Advertiser*, Aug. 25, 1858); from the *London Chronicle*, June 18, 1772; to Arthur Lee, dated at Craven House, Mar. 19, 1775; from Philadelphia, May 31, 1788, to John Thornfield; various letters in slips of *U. S. Gazette*, Oct. 12, 1855; Memoranda as to Franklin letters in printed books, etc.; facsimile issue of *Newport Mercury*, Dec. 19, 1758, "printed by James Franklin." (5) Various newspaper scraps.

XLV.

"British Papers relating to the American Revolution, selected from the Correspondence of the British Commanders-in-chief. Copied from the originals in the Royal Institution, London. Selected by me in Nov. 1840, London." In two folio volumes.

"Sir Guy Carleton was the last Commander-in-chief of the British army in America, during the American Revolution. The official papers of his predecessors, Sir William Howe and Sir Henry Clinton, came into his possession when he took the command. These with his own papers were taken by him to England at the time of the peace. After his death they fell into the hands of another person (Mr. Simmons, his secretary), who presented them to the Royal Institution in London. I examined them all in Nov. 1840, and made the following selection. The originals are comprised in more than forty volumes."

The selections begin with "Extracts from Gen. Gage's and Gen. Howe's orderly books. Boston, Gen. Gage's orders."

"General morning orders. Saturday, June 17, 1775, etc. The last order is Mar. 14, 1776.

*** Howe's orderly book has been printed by B. F. Stevens, with an introduction by E. E. Hale, but it has not been published.

Gov. Martin to Lord Dartmouth, North Carolina, June 30, 1775.

Lord Campbell to Lord Dartmouth, Charlestown, July 19, 1775.

Lord Dartmouth to Gen. Howe.

Lord Germain to Gen. Howe.

Agreement of Geo. Foster and Benedict Arnold, May 27, 1776, about prisoners taken at the Cedars.

Lord North to Gen. Howe.

Account of an interview of Gen. Howe's messenger with Washington, dated Staten Island, July 20, 1776.

Lord Germain to Gen. Carleton.

G. Johnson's review of indian affairs, Oct. 8, 1776.

Lord Germain to Sir William Howe. Burgoyne to Gen. Howe and Howe to Burgoyne.

Secret instructions for Clinton (1778). Germain to Clinton. Cornwallis to Clinton. Clinton to Germain. Rawdon to Cornwallis, and other letters by and to Franklin, Haldimand, Leslie, Thompson, Shelburne, Townshend, Arnold, Schuyler, Greene, Balfour.

XLVI.

"Dates of the Principal events during the Revolution. Taken principally from original letters and other manuscript papers written at the time." A blank book with notes in Mr. Sparks's handwriting, including appointments of Gen. Washington's aids, from the orderly books; Appointments as made by Congress; Governors of the States; Regiments raised in New York 1775; Arrangement of the army, May 22, 1777; Monuments ordered to be erected by Congress; Resignations; Disposition of the army, July 19, 1779; Cavalry; Events by years, beginning 1775 and ending 1783; notes

relating to DeKalb, Laurens, Woedtke, Silas Deane, paper money, Yankee Doodle, right of taxation, first continental flag, and various other subjects; "maps and plans of military operations of the Revolution in my possession," and in "the College library, purchased by Henry Stevens" and noted in its catalogue; newspaper scraps; data about the Livingston family.

XLVII.

"Diaries and letters relating to the Revolution, 1773-1778. Copied from the originals."

1. "Extracts from an original diary by Thomas Newall, Boston, 1773, 1774." [This has been printed.]

2. "Extracts from Capt. Benj. Warren's diary, Saratoga and Cherry Valley, 1777–1778" (p. 8). Begins July 21, 1777, and ends Oct. 16, for the Saratoga campaign; and begins July 24, 1778, and ends Nov. 23, 1778, for the Cherry Valley experience. "The above copied from Capt. Warren's original diary, lent to me by Mr. Daggett, of New York."

3. Letters of Wm. Whipple, Mar. and June, 1776 (p. 26).

4. "Battle of Rhode Island." Letter of James Lanman, Providence, Sept. 16, 1778 (p. 29).

5. "Copied from Gen. Glover's papers; furnished to me by Col. Everett." Gen. Lee's orders, Oct. 24, Nov. 3, 11, 17, 18, 19, 1776.

From Gen. Glover to Hon. James Warren, Peekskill, July 25, 1777; Stillwater, Aug, 6, Aug. 11; Van Schaick's island, Aug. 19; to Jonathan Glover, Sept. 5, 7, 21 (battle of 19); 29.

General orders, Rhode Island. Aug. 10 to 31st, 1778.

*** Of W. P. Upham's Memoir of General Glover in *Essex Institute Hist. Coll.* vol. v.

6. Letter of John S. Littell, Germantown, Pa., Apr. 14, 1848, to Jared Sparks on Capt. Eliakim Littell (p. 74).

7. "Biographical sketch of Capt. Eliakim Littell" (p. 77).

XLVIII.

"Journals and Papers relating to the Revolution. Collected from various sources, 1845."

1. "Journal of events in Pennsylvania, Dec. 1776." "Copy of a Journal kept by Margaret Morris for the amusement and information of her sister, Milcah Martha Moore; her residence at the time was on the bank at Burlington, N. J., at the corner of Ellis Street." Begins Dec. 6, 1776; ends in June 1778.

2. "Journal of a Campaign from Philadelphia to Paulus Hook by the late Algernon Roberts, Lower Marion Township, Montgomery." Begins Aug. 16, 1776.

3. Battle of Long Island. Letters, Feb. 5 and July 30, 1844, to Sparks from Henry Onderdonk jr., with pen-sketches of the battle.

4. "Notes used in writing the life of Arnold," being various brief memoranda.

Lord Geo. Germain to Gen. Clinton on André's capture and death, Nov. 28, 1780 (p. 61).

Lord Geo. Germain to Arnold, Dec. 7, 1780.

Gen. Clinton to Lord Geo. Germain, Oct. 30, 1780.

5. Gen. Greene's letter on the battle of Bunker Hill, dated Roxbury, June 18, 1775, addressed to Gov. Cooke of Rhode Island. "Copied from the original" (p. 68).

6. "Resolves concerning Hutchinson's Letters. 1773." From the Council Records (Mass.), June 25, 1773 (p. 71).

7. "Proposal in Rhode Island for a Continental navy." "Vote of the Assembly, Aug. 1775." "Extracts from the private journal of Gov. Ward relating to the Revolutionary navy (Oct. 3, 1775)." Approval by Rhode Island, Aug. 1775, of the acts of the Continental Congress. Vote of the Rhode Island Assembly, Aug. 1775, on prosecuting the war.

8. Printed broadside, dated Boston, Nov. 18, 1775, "Orders to be observed during time of fires by the inhabitants," signed William Howe (p. 79).

9. Gov. Franklin, Perth Amboy, Jan. 5, 1776, to Earl of Dartmouth. "Taken from a copy found among the papers of Charles Pettit in 1776, Secretary of New Jersey, and now in my possession. William B. Reed. Philad. 20 March, '43."

10. Robert Morris, July 20, 1776, to Col. Reed (p. 82) on the declaration of Independence.

11. Autograph letter of David Wooster, New Rochelle, Feb. 20, 1777 (p. 84).

12. "A general return of provisions, Albany, 4 June, 1777" (p. 86).

13. Printed broadside of votes of the Connecticut assembly, May, 1780, about raising militia for 3 months, to coöperate with the army of the United States (p. 87).

14. General Green's letter, July 26, 1780, resigning as Quatermaster General, copied from the original in the State Department, Washington, and his letter of July 28, to the Com. of Congress, enclosing his resignation.

15. Autograph letter of George Clinton, Poughkeepsie, May 4, 1782, to Col. Willet.

16. Washington, June 5, 1782, to Gen. Lincoln, about the Asgill case (p. 92).

17. Notes of Army Rolls from the Washington Papers, partly as furnished to the Pension Office.

18. Letter (translated) of Vergennes, June 20, 1785.

19. "Battle of Kings Mountain, Oct. 7, 1780." "Statement of the proceedings of the western army from the 25 Sept. 1780 to the reduction of Maj. Furguson and the army under his command." Copy, signed by Wm. Campbell, Isaac Shelby, Benj. Cleveland. Letter of Wm. Campbell, Wilkes County, Camp on Briar Creek, Oct. 20, 1780, to Col. Arthur Campbell. Letters of Lyman C. Draper, July 24, 1845.

20. "A list of the officers killed and wounded on the banks of the Monongahela, the 9th day of July, 1755." A contemporary MS. "George Washington, aid-de-camp," is marked as "wounded." Mr. Sparks has endorsed the list "Some parts are doubtful."

XLIX.

"Miscellaneous Papers collected from various sources, relating chiefly to the Revolution." In three vols.

Vol. I. 1. Statement of Dr. Benjamin Church, dated "From my prison in Cambridge, Nov. 1, 1775." "A true copy from the original by Samuel Eliot, jun^{r}" (p. 1).

2. Col. John E. Howard's account of the battle of Germantown, with a rude MS. plan, addressed to Col. Timothy Pickering, and dated "Baltimore, Jan. 29, 1827." "The preceding copy is in Col. Howard's handwriting and was given to me by him in Baltimore soon after it was written" (p. 13).

3. Memorandum respecting Gen. Conway's cabal with General Gates against the military character of General Washington. Signed by Robert Troup, New York, 26 Oct. 1827. "The preceding account was given to me by Col. Troup, with whom I conversed on the subject of it" (p. 20).

4. Information of Mr. Paca and Mr. W. H. Drayton respecting Mr. Arthur Lee, laid on the table and read, Apr. 30, 1779 (pp. 23 and 24).

5. Report of a Committee concerning Deane and Arthur Lee, signed Wm. Carmichael, Philadelphia, May 3, 1779 (p. 25).

6. A printed brochure. *American Annals; or Hints and Queries for Parlement* [*sic*] *men, 1775-1778.* "Printed at the private press of George Allan, at Darlington, for his friend Thomas Pennant." "Presented to me by O. Rich, Esq., in London, 1840" (p. 27).

7. Gen. Armstrong's letters, concerning the Northern Campaign (1777), Gates and Wayne (p. 31). Dated at Red Hook, Oct. 13, 1831; Dec. 4; Apr. 19, 1832; July 8; Nov. 23; Dec. 26; Jan. 17, 1833; May 19; Aug. 22; Sept. 10; June 24, 1834; Mar. 18, 1835; May 5, 1835; Mar. 6, 1836; July 24, 1837; July 16, 1842. They are all addressed to Mr. Sparks, who writes in the last, "Gen. Armstrong died a few months after this letter was written."

8. Copies of the [two] Newburgh Addresses, furnished to me by the author of them, Gen. John Armstrong, Jan. 1837. Letter of Gen. Armstrong, Jan. 12, 1837, affirming that they were "from the original drafts" (p. 64).

9. Account of Kosciuszko, sent to me by Gen. Armstrong, 1837. "Written by Gen. Armstrong, Aug. 1837," with a letter from Armstrong to Sparks, dated Red Hook, Aug. 1837 (p. 69).

10. Reasons against evacuating New York, 1776, by Brig. Gen. Geo. Clinton, with a letter by Gen. Armstrong appertaining, dated Red Hook, Dec. 14, 1834 (p. 75).

11. John Dickinson's draft of instructions to Commissioners (apparently not adopted) (p. 78). Rough draft with erasures and signed "John Dickinson, July 22, 1779."

12. Papers relating to a proposed reconciliation between England and the United States, June, 1778. Copied from the originals in the Archives des Affaires étrangères, Paris, 1829 (p. 84).

"The author of the following letter and papers was unknown. They were all sent in one packet to Dr. Franklin, who then resided at Passy. The name Charles De Weissenstein affixed to the letter was assumed, and although the letter is dated at Bruxelles, yet Dr. Franklin was convinced that the writer was actually in Paris and that he was a secret agent for the British ministry. He wrote an answer accordingly, dated July 1, 1778, which is one of the most remarkable of Dr. Franklin's compositions. He sent the original papers and a copy of his answer to Count de Vergennes, by whom they were deposited in the Archives, where they have been preserved. The originals are written in a disguised hand-writing, with occasional interlineations in a different hand, so that more than one person was acquainted with the contents. Dr. Franklin attached some degree of importance to these papers, because he believed them to have been seen and approved by the British ministry."

"See Franklin's answer in the *Diplomatic Correspondence of the Revolution*, iii. 45."

The envelope is addressed: "To Dr. Benjamin Franklin, &c. &c. &c. Secret and confidential. Read this in private and before you look at the other papers; but don't be imprudent enough to let any one see it, before you have considered it thoroughly."

The letter is dated Bruxelles, June 16, 1778. It is accompanied by "Articles of Arrangement" and a "Great Outline of the future government of North America."

13. Articles copied from the Philadelphia newspapers, relating to public affairs, 1779–1781,—some of them written by Gouverneur Morris (pp. 108–155).

14. Papers relating to Arnold and André, used in writing the *Life of Arnold*, 1834 (pp. 156–227.)

Letter dated Crown Point, June 13, 1775 (original).

Samuel Adams, Philad., Mar. 18, 1777, and Feb. 27, 1779, to Miss Mary Scollay, on the action of Congress respecting the memory of Generals Warren and Mercer.

Arnold, July 15, 1778, and Feb. 19, 1779, on making provision for Warren's family.

John Jay introducing Arnold to Gov. Clinton, Jan. 31, 1779.

James Duane, John Jay, Wm. Floyd, and Francis Lewis, Feb. 3, 1779, accrediting Gen. Arnold to Gov. Clinton, and about a project of distributing public lands to soldiers.

Joseph Read, Feb. 6, 1779, on Charges against Arnold.

Francis Lewis, Mar. 8, 1779, to Gov. Clinton.

Congress, Sept. 29, 1780, on the seizure of Arnold's papers, and copies of papers seized.

Arnold to Silas Deane, March 22, 1780.

Du Simitière to Gov. Clinton.

David Hosack to John Pintard, July 24, 1819, on André's death, and one to Sparks, Apr. 8, 1834.

Benj. Talmadge, Nov. 21, 1833, to Sparks, on the Arnold-André plot; and another, Feb. 17, 1834.

James Thacher, Plymouth, Feb. 6, 1834, including publication of details about André's execution, and others of Feb. 27, and Mar. 4, 1834.

Nathan Beers, Feb. 12, 1834, to Professor Woolsey, about André.

John D. Dickinson, 12 July, 1834, on Arnold's family.

Professor Woolsey, Feb. 1, and Feb. 15, 1834, on traditional accounts of Arnold.

Chief Justice Samuel Eddy, of Rhode Island, on the Arnold family, May 3, 1834.

James Lanman, Norwich, Apr. 7, 1834, on Arnold's family.

James Stedman, Norwich, Apr. 8, 1834, on Arnold's family.

Jos. H. Abbot, Boston, June 25, 1834, respecting Nathan Hale.

Mr. J. Bronson, Sept. 29, 1834, on the capture of André.

Wm. Shimmin on Arnold's business ventures in the West Indies.

15. "Correspondance entre le Comte DeGrasse, Lord Shelburne et le Comte de Vergennes, relativ au traité de paix. (This manuscript was transmitted to me by General Lafayette. See his letter dated at La Grange, Nov. 25 1829.)" The papers are dated 1782 and 1783, and the copies are attested, Oct. 7, 1829, by le Comte de Grasse. The last is a letter from Washington, Newburgh, May 14, 1783, to the Comte de Grasse.

16. Count d'Aranda's letter, 1783. "Procured for me in the Spanish offices at Madrid by Mr. Alexander H. Everett, the American minister to Spain in the year 1827."

"A French translation is printed in the French edition of Coxe's *History of the Bourbons*, Paris, 1827, by Andres Muriel.

"There is good reason to believe that the paper was not written by Count d'Aranda."

An English draft is annexed, "made by M. de Wallenstein in Washington, June, 1827."

17. Luzerne's Memorial to Congress, 1779 (p. 243[a]).

18. Memoranda of papers to be copied in various public offices, examined by me in the year 1826," viz. in the Sec. of State's office in Rhode Island, 1774–1783; from the MS. vol. marked 5 (New Jersey); in the public offices of Pennsylvania; including minutes of the Committee and Council of Safety (1776–1777); letters of Washington, Wayne and others; and of the Executive Council of Penna.; in the Maryland Archives, including Council proceedings (1753–67) and letter book of Governor and Council (1777–87); in the Virginia Archives, including correspondence of Com. of Correspondence (1773–75), Journal of the Council (1776–78), letters of Jefferson, Benj. Harrison, Washington, Steuben, Greene; in the North Carolina Archives; in the South Carolina Archives; in the Georgia Archives.

19. Memoranda on North Carolina (1774–1776), dated Raleigh, May 4, 1826.

20. Memoranda of papers examined in the French Archives of Foreign Affairs in Paris, Aug.–Oct. 1828 (1777–1783), with brief extracts and synopses.

21. Brief notes on John Jay's life, with letters of Franklin and Jay, 1783, now printed in the *Diplom. Corresp. of the Rev.*

22. Letter of John Adams, Sept. 13, 1783, since printed in the *Diplom. Corresp. of the Rev.*

23. Alexander Hamilton's speeches and letters, 1787–1795. "The letters were copied from the originals in the Treasury Department, in Washington, 1830. The office has since been burned and the originals were destroyed" (p. 305).

24. Correspondence between John Quincy Adams and Charles Pinckney, respecting the draft of the Constitution, 1818. Copied from the originals in the Dept. of State, Washington.

Vol. II. 1. Autographs before the Revolution (pp. 1–115).

J. Belcher, Feb. 17, 1740–1.

R. Saltonstall to R. Walden, Mar. 10, 1745.

Geo. Clinton, New York, Jan. 10, 1747, to Col. Johnson.

Benning Wentworth, June 17, 1755, to Wm. Johnson.

Horatio Sharpe Annapolis, July 15, 1755, to Gov. R. T. Morris of Penna.

Sir William Johnson, Albany, July 15, 1755, to Gen. Bradstreet.

Robt. Orme's letter, July 18, 1755, on Braddock's defeat, — early copy.

Gen. Phineas Lyman to Gen. Johnson, Stillwater, July 26, 1755.

Col. Ephraim Williams, Aug. 4, 1755, to Gen. Johnson [signature missing].

Timothy Ruggles, [Oct. 9, 1755]; Oct. 14, 1755.

Charles Hardy, Albany, Nov. 14 and 21, 1755.

Gen. Gage, Albany, Nov. 23, 1755.

T. Pownall, New York, Dec. 8, 1755, to Gen. Johnson.

Geo. Washington to Wm. Denny, 1756 (copy).

Peyton Randolph, May 3, 1756.

Lord Fairfax, July 13, 1756, to Col. Washington, and endorsed by Washington.

Lord Loudoun, Albany, Aug. 16, 1756.

P. Gilman, Albany, Aug. 26, 1756, to Rev. Daniel Rogers, Exeter.

G. Mason to Col. Washington, Sept. 13, 1756.

James DeLancey to Sir William Johnson, June 10, 1757.

Col. John Stanwix, July 20, 1757, to Col. Washington, who endorses it.

John Durkee, Fort Edward, Aug. 19, 1757.

Gen. James Abercromby, Albany, Sept. 18, 1757, to Sir William Johnson.

John Durkee, Fort Edward, Mar. 17, 1758.

Staats L. Morris, London, May 13, 1758.

Washington to G. W. Fairfax, Raystown, Sept. 25, 1758 (copy).

Henry Bouquet to Col. Washington, Nov. 5, 1758.

Dr. James Craik, Winchester, Dec. 29, 1758.

James Durkee, Camp near Oswego, July 26, 1760.

Robert H. Morris, 1761, to Lewis Morris.

Thomas Fitch to Sir William Johnson, Feb. 3, 1762.

James Hamilton to Sir Wm. Johnson, Oct. 17, 1762.

Col. Henry Clinton, London, Feb. 11, 1763.

Wm. Smith, Jr., New York, Oct. 3, 1763.

John Alsop, N. Y., Nov. 10, 1768.

Cadwallader Colden, Fort George, N. Y., Apr. 22, 1765.

Francis Fauquier, Williamsburgh, Apr. 11, 1766, to Sir Wm. Johnson.

William Franklin, Burlington, N. Jersey, Apr. 15, 1766.

William Samuel Johnson, Stratford, Conn., May 24, 1766, to John Dickinson.

Gov. H. Moore, Albany, Sept. 26, 1766.

Eleazar Wheelock, Lebanon, Dec. 9, 1766, to Wm. Sam. Johnson.

H. Moore, March 17 and May 12, 1767.

Lund Washington to Geo. Washington, Mt. Vernon, Mar. 30, 1767; with Postscript by Martha Washington.

Capt. H. I. Cramahé, Quebec, July 28, 1766, to Sir Wm. Johnson, concerning trial of Maj. Rogers.

John Penn, Schenectady, Oct. 17, 1768.

The humble Address of the Commons House of Assembly of the Province of Georgia to the King, Dec. 24, 1768, signed W. Jones, speaker (in Dr. Franklin's handwriting).

Guy Carleton, Quebec, May 25, 1769, to Sir Wm. Johnson.

T. Pownall, London, Apr. 15, 1770, to Sir Wm. Johnson.

Thomas Hutchinson, Boston, Oct. 8, 1771. (Private.) About Mr. Kirkland's mission.

Sir Wm. Johnson, Johnson Hall, Mar. 28, 1772, to Dr. Arthur Lee in London. Rough draft with many corrections.

Robert Eden, Annapolis, Mar. 11, 1773. Endorsed by Washington.

Philip Skene, Albany, Jan. 22, 1773.

Wm. Tryon, New York, Sept. 15, 1773, to Philip Schuyler, etc.

Lord Dunmore, Williamsburgh, Sept. 24, 1773. Endorsed by Washington.

H. T. Cramahé, Quebec, Oct. 13, 1773, to Sir Wm. Johnson.

"Mr. Burke's letter (1774) respecting the hearing at the Cockpit upon the petition for the removal of Gov. Hutchinson, made from a copy in my possession, 1839, H. C. Van Schaack.

"Mr. Burke's letter, Apr. 6, 1774, to the Assembly of New York. Copy made from a copy in my possession, H. C. Van Schaack."

Printed broadside, — "To the Commissioners appointed by the East India Company for the Sale of Tea in America." Signed Scævola (1774).

2. Autographs during the Revolution (pp. 116–238).

William Lee, London, Apr. 6, 1775, to Col. R. H. Lee. Says that £25,000 have been sent to Gen. Gage for secret-service money. "Mr. Joseph Reed of Philadelphia you should be cautious of, as he carries on a close correspondence with Lord Dartmouth, who is as treacherous and deceitful a wretch as ever lived, with all Hillsborough's malignity against America, but a great deal more cunning." "Mr. Quincy, I understand, has got a list of your real friends as well as enemies among the London merchants."

Joseph Cilley, jr., Medford, Mass., Apr. 22, 1775. On the want of a competent commander of the New Hampshire forces, addressed to Col. Nath. Folsom.

Letter from the Provincial Convention at Exeter, N. H., Apr. 26, 1775, on the spirit aroused in New Hampshire by the fight at Concord.

John Adams to Jas. Warren, July 24, 1775 (copies).

Francis Lewis, Philadelphia, Aug. 2, 1775.

H. Jackson, Portsmouth, N. H., Sept. 3, 1775, to John Langdon on the defences of the harbor, with a plan of them.

Col. Seth Warner, La Prairie, Sept. 27, 1775, to Gen. Montgomery at St. John. About Allen's defeat before Montreal, — a very illiterate letter.

James Otis, Watertown, Council Chamber, Oct. 13, 1775, about a warrant to Dr. Estes Howe.

Charles Lee, Winter Hill, Oct. 17, 1775.

Lord Sterling, Oct. 2, 1775, — endorsed by Washington.

David Wooster, Albany, Oct. 6, 1775, to Gen. Schuyler.

Brook Watson, Montreal, Oct. 19, 1775, to Lt. Gov. Franklin.

Robert Treat Paine, Albany, Nov. 21, 1775, to Gen. Schuyler, informing him of the arrival of a Committee of Congress to consult with him (Langdon, R. R. Livingston and Paine).

Joseph Spencer, Camp at Roxbury, Nov. 25, 1775, to Washington, recommending ensign Hooker.

Thos. Lynch, Jan. 2, 1776, to Gen. Schuyler.

Alexander M'Dougall, Jan. 2, 1776, to Washington.

Andrew Lewis, Williamsburg, Jan. 16, 1776, — endorsed in Washington's handwriting.

John Hancock, Philad., Feb. 12, 1776, to Washington (signature cut off).

John Johnson, Mar. 27, 1776, to Philip Schuyler.

Oliver Wolcott, Apr. 12, 1776, to Gen. Schuyler.

Philip Skene, Hartford, May 1, 1776, to Gen. Schuyler.

Gov. Nicolas Cooke, Providence, May 13, 1776, to Gen. Schuyler, sending him $1712.\frac{4}{9}$ in specie.

John André, Carlisle, June 1, 1776, to Gen. Schuyler.

Abraham Clark, Elizabethtown, June 26, 1776, to Col. Elias Dayton. On the hellish plot to assassinate Washington in N. Y., etc.

Joseph Hawley, Watertown, June 27, 1776, to Washington, urging troops to be sent to Canada. "No place on the Continent I consider more secure than Boston."

Woedtke, Crown Point, July 6, 1776.

Col. Ritzema, New York, July 12, 1776.

Copy of the Declaration, July 14, 1776, of Lord Howe and Gen. Howe.

Hugh Mercer, Perth Amboy, July 22, 1776, to Washington, sending copy of the declaration of the Howes "found yesterday at the fork of the road a mile from South Amboy Ferry house — the originals of which I have sent to Congress."

Abraham Clark, Philad., Aug. 1, 1777, to the Rev. James Caldwell. Condition of the British army on Staten island, etc. Another, Aug. 2, about capture of prizes and the naming of Duché as Chaplain of Congress.

Gen. Heath, King's bridge, Aug. 17, 1776, to Washington on the attempt of the fire-ships on the enemy's vessels.

Brig. Gen. Jas. Clinton, Fort Montgomery, Sept. 8, 1776, to Geo. Washington, on the condition of the forces in the Highlands.

James Caldwell, Elizabethtown, Sept. 10, 1776, to Elias Dayton at Fort Schuyler, Mohawk River.

Patrick Henry, Williamsburgh, Sept. 20, 1776, to Washington, on the defeat of the Cherokees. "My poor friend Sullivan I hear is a prisoner and report says at Congress to offer terms of peace. I should not think he would be the bearer of disadvantageous offers."

S. Deane, Paris, Sept. 30, 1776, to R. Morris, — a copy.

Robt. R. Livingston, Fishkill, Oct. 7, 1776, to Gen. Schuyler.

Benedict Arnold, Schuyler's Island, Oct. 12, 1776, to Gen. Gates, on his naval fight, — a copy.

Roger Sherman, Haven, Oct. 15, 1776, to Washington, on his furnishing money to a party of Penobscot indians on the march to join Washington's army.

Gen. Schuyler, Saratoga, Oct. 16, 1776, to Albert Yates, President of the Convention, on measures to protect Ticonderoga after Arnold's naval defeat.

Col. Benj. Tupper, above Dobb's Ferry, Oct. 22, 1776, to Gen. Clinton, respecting the removal of stores.

B. Arnold, Ticonderoga, Oct. 24, 1776, to Schuyler, — a copy.

Horatio Gates, Ticonderoga, Oct. 24, 1776, to Schuyler, — a copy.

Schuyler, Saratoga, Oct. 26, 1776, to the Committee of the Convention at Albany. On the movements of the enemy.

John McKesson, Oct. 29, 1776, to Gen. Clinton. News from Whiteplains.

Edmund Rutledge, Nov. 6, 1776, to Schuyler, congratulating him on emerging from a load of calumny.

Josiah Bartlett, Kingstown, Nov. 11, 1776, to Col. John Langdon.

James Duane, Fishkill, Nov. 16, 1776, to Gen. Clinton.

Roger Sherman, New Haven, Nov. 18, 1776, to Gen. Schuyler, respecting the non-payment of Col. Warner's regiment.

S. Kirkland, Saratoga, Nov. 31, 1776, to Col. Elias Dayton.

Samuel Adams, Elbridge Gerry, William Ellery and Wm. Whipple, Philad., Dec. 12, 1776, to Washington, informing him that the enemy had arrived in Rhode Island, and asking that a general

might be despatched to take command against them.

Jed. Huntington, Clove, Dec. 23, 1776, to Gen. Clinton.

Samuel Chase, Baltimore, Jan. 23, 1777, to Washington, inquiring about British treatment of prisoners, etc.

F. Barber, Mt. Independence, Feb. 12, 1777, to Col. Elias Dayton.

Thomas Mifflin, Reading, 13 Feb. 1777, to Washington.

Cornwallis, Brunswick, Feb. 14, 1777, to Washington.

Gen. David Waterbury, Stanford, Feb. 21, 1777, to Gen. Schuyler, — written while a prisoner.

Robert Morris and Geo. Clymer, Phil., Feb. 24, 1777.

Eugene Benson, Fishkill, Feb. 24, 1777, to Gen. Clinton.

Abraham Clark, Phil., Mar. 7, 1777, to Elias Dayton.

Col. Varick, Albany, Apr. 2, 1777, to Gen. Schuyler, — a copy.

Gen. Robert Howe, Charlestown, S. C., Apr. 10, 1777, — about an expedition into Georgia, etc.

Francis Lightfoot Lee, Philad., Apr. 10, 1777, to Washington. "Gaming is particularly said to prevail to a scandalous height."

Printed broadside: State of Massachusetts Bay, House of Representatives, May 5, 1777. To selectmen of Towns.

Gen. Sullivan, Princeton, May 23, 1777, to Washington, about shooting a deserter.

Saml. H. Parsons, New Haven, June 5, 1777, to Washington, about the regiments to constitute his brigade.

Gen. John Morin Scott, Fishkill, June 12, 1777, to Gen. Clinton.

Gov. T. Rutledge, Charlestown, S. C., June 25, 1777, to Gov. Caswell, introducing Lafayette and DeKalb.

Chas. Thomson, Summerville, July 21, 1777, to Washington, on a corps of engineers and the French officers lately arrived, and the exchange of Lee.

G. Morris, Fort Edward, July 21, 1777, on disloyalty in the New Hampshire grants, etc. — a copy.

Gen. F. Nash, Trenton, July 26, 1777, to Gen. Gates, on being ordered by Washington to Philadelphia.

Broadside. "State of Massachusetts Bay, In House of Representatives, Aug. 8, 1777," about sending militia to the scene of war.

8. "Papers relating to the affair at Ticonderoga, June and July, 1777: probably the same that were used at Gen. St. Clair's Court Martial Concerning the Evacuation of Ticonderoga (from p. 238 to p. 307). Copies."

Letters of Schuyler to St. Clair, Albany, June 3, 4, 24, 26, 27, 28, 30; July 5; to Elisha Avery, June 4, 7; Saratoga, June 14; July 4, 6; to Gates, June 4, 26; to Col. Lewis, June 6; (through Livingston, aid-de-camp); June 12; Saratoga, June 14; Albany, July 4, 5; to Washington, Saratoga, June 14; Fort Edward, June 16.

St. Clair to Schuyler, Ticonderoga, June 13, 24, 25, 26, 28, 30; July 3.

J. Lansing to J. Lamb, June 17.

Memoranda given to Col. Lewis at Fort George, June 17, about supplies.

Council of war at Ticonderoga, June 20, proceedings.

Schuyler to Maj. Stevens, June 28, about cannon on Mount Independence.

Return of provisions and stores at Ticonderoga, June 20.

Jos. Trumbull, by order of Washington, Middlebrook, June 21, to Schuyler.

Schuyler to James Yancey, June 21; to Com. Wynkoop, June 26; to the Com. of Berkshire, June 28; to Gov. Trumbull, June 28; to General Ten Broock, June 28; to Maj. Yates at Fort George, June 28; to Pierre Van Cortlandt, June 28; to Joseph Trumbull, June 29, — a long letter; to Col. Brown, July 4; to John Jay, Stillwater, Aug. 6.

4. Autographs: Anonymous to Franklin, Holland, Aug. 25, 1777.

"Politics, 16 July, 1782."

Translation of a German proclamation of Congress, to induce the desertion of Germans from the enemy, Aug. 27, 1777.

Simeon Fraser, by order of Burgoyne, Sept. 1, 1777, asking for a list of officers and privates taken prisoners at Bennington — to Gen. Gates.

Council of Safety at Bennington, Aug. 16, 1777, addressed "to the generals commanding nearest regiments" asking that troops be forwarded.

A copy of a letter from Lewis de L'Estarjette, Esq., to the Honorable Henry Laurens, Esq., President of Congress, dated Paris, Sept. 5, 1777, introducing Steuben. Copy of one by Franklin to Deane, Sept. 4, accrediting Steuben to Washington; and one from Deane to Robert Morris, Sept. 3, also accrediting Steuben.

G. V. Schaick, Albany, Sept. 13, 1777, to Gen. Gates on the arrest of Col. Nathan Hale of New Hampshire for high treason.

Wm. Ellery, Providence, Sept. 19, 1777, to Wm. Whipple, on the "fluctuating state of the public credit," etc.

Elbridge Gerry, Lancaster, Sept. 24, to Washington, about collecting arms in Massachusetts.

Pay roll of Brig.-Gen. William Whipple's brigade, Sept.–Nov. 1777.

Return of ordnance and stores taken from the enemy, Oct 7, and 17, 1777.

Francis Hopkinson, Bordentown, Nov. 14, 1777, to Washington on Duché's letters.

Wm. Smith, manor of Livingston, Nov. 16, 1777, to Henry White.

Thomas Chittenden, by order of Committee, Bennington, Nov. 24, 1777, to Gen. Gates.

5. *A Report of a Committee of Convention of a form of Government for the State of Massachusetts-Bay, published for the inspection and perusal of the members. Dec. 11, 1777.* (Folio, 8 pp. of print.)

6. Autographs: Jos. Galloway, Philad., Dec. 18, 1777, to Washington, asking permission for Mrs. Galloway to enter Philadelphia.

Oliver Wolcott, Litchfield, Dec. 20, 1777, to Gen. Gates.

Mr. Hartley to Mr. Thornton, Golden Square (London), Dec. 25, 1777 (in the third person).

Steuben, Boston, Dec. 27, 1777.

Vol. III. 1. Autographs, 1778–79, (pp. 1–88): Maj. John Dyke Acland, New York, [Jan.] 5, 1778, to Gen. Schuyler: "Lady Harriet and myself are proud to acknowledge the very polite attention received from you and Mrs. Schuyler, and you may be assured that we do not fail in all company to do justice to the general behavior of all ranks in Albany."

Henry Laurens, Yorktown, Jan. 14, 1778, to Gov. Clinton, respecting the suspension of the embarcation of Burgoyne's army.

F. Barber, Valley Forge, Jan. 22, 1778, to Col. Dayton, respecting an attack on Capt. Lee and his men.

Dr. John Rodgers, Sharon, Jan. 24, 1778, to Gov. Clinton, applying on behalf of Dr. Gordon, "who is writing the history of the present war," for particulars about the assault on Fort Montgomery, etc.

Egbert Benson, Poughkeepsie, Jan. 29, 1778, to the Committee of Tryon County, about prisoners.

John Paul Jones, on board the "Ranger," Feb. 10, 1778, to the Amer. Commissioners in Paris, a copy, and one of Feb. 26, to Silas Deane, also a copy.

Philip Livingston, Mar. 8, 1778. "The late intended expedition to Canada would make a most glorious farce (Gen. Gates the principal actor) if it was not too serious a matter to ridicule."

Count Pulaski, Mar. 19, 1778 (in French).

Robt. R. Livingston, manor of Livingston, Apr. 10, 1778, to Washington, transmitting some Leyden papers.

Several letters of Gouverneur Morris, Yorktown, Apr. to Aug. 1778, to John Jay, — copies.

James Lovell, Yorktown, Apr. 30, 1778.

Wm. Ellery, Thomas Adams and Rich. Hutson, Committee of Commerce, York, Pa., May 16, 1778, about contract with Beaumarchais.

Knyphausen, Philad., June 9, 1778.

Gov. Geo. Johnstone, Philad., June 10, 1778, to Washington, and endorsed by him.

Wm. H. Drayton, Philad., July 5, 1778, to Washington, congratulating him on the victory of Monmouth.

Lafayette, Saybrook, July 28, 1778. [Signature cut off.]

Lafayette, Norwich, July 30, 1778, to Gen. Sullivan, respecting his march to Rhode Island.

Wm. Smith, New York, Aug. 15, 1778, to Gov. Clinton.

Col. Andrew Adams, Philad., Aug. 17, 1778, to Samuel Lyman, Goshen, Conn.

Strength of the enemy at Newport, Aug. 22, 1778, showing British, 1470; Germans, 3170; loyalists, 550; marines and seamen, 1300; Brown's corps, 376; total 6860.

Lafayette, Rhode Island, Aug. 24, 1778, giving reasons against continuing the siege.

Richard Henry Lee, Philad., Aug. 29, 1778, on the misfortunes in Rhode Island.

A return of killed, wounded and missing of the army under command of Maj.-Gen. Sullivan in the action of Aug. 29, 1778,— 30 killed, 132 wounded, 45 missing — total 207.

Count Pulaski, Philad., Sept. 5, 1778,—in French — to Washington.

N. Rice, Quaker Hill, N.Y., Sept. 22, 1778, to Dr. Joshua Barker, Hingham.

Lafayette, Fishkill, Oct. 6, 1778, to Lord Carlisle in New York — a copy; a challenge for language used by Carlisle. Washington's copy, bearing his endorsement.

Baron De Kalb, Camp at New Hackensack, Oct. 14, 1778, to Washington, asking a court-martial for Capt. Winder, etc.

John Avery, Council Chamber, Boston, Oct. 23, 1778, to Commissioner to France, transmitting one hundred copies of the Act against tories.

Joseph Marsh, Windsor in the N.H. Grants, Oct. 23, 1778, to Henry Laurens, President of Congress — a copy.

Allen Jones, Oct. 28, 1778, to Gov. Richard Caswell of N.C., about victualling an expeditionary force.

Eleazar Wheelock, Dartmouth College, Nov. 4, 1778, to Gen. Gates.

Jed. Huntington, Camp, Second Hill, Nov. 15, 1778, to Gen. M'Dougall.

Samuel H. Parsons, Horseneck, Dec. 6, 1778, to Gen. M'Dougall at Peekskill, asking for orders.

By the State of Maryland, a Declaration, respecting western lands, and the limits of those States whose lines extend to the Mississippi or South Sea. Dec. 15, 1778. A broadside, sigued in autograph by William Paca, Wm. Carmichael and John Henry, jr.

Robert Magaw, Carlisle, Dec. 23, 1778, to Robert Morris, giving an account of his services, and saying of the surrender of Fort Washington: "I have not heard that my conduct in that day is impeached."

Galvan, Philad., Dec. 24, 1778, to [Gen. Gates?].

Gov. Lowndes, Charlestown, S. C., Dec. 27, 1778, to Gov. Caswell of N. C., respecting threatened attack from the enemy's fleet.

Gen. Phillips (British), Fishkill, Dec. 30, 1778, to Gen. M'Dougall, asking a pass for a servant.

W. B. St. Pierre, Martinique, Jan. 5, 1779, about D'Estaing's fleet escaping Admiral Byron in Massachusetts Bay, etc., and his subsequent cruise.

Marinus Willet, Albany, Feb. 8, 1779, to Gov. Clinton, on the selling of clothing by soldiers, and a memorandum of Clinton's reply.

G. Anderson, Lisbon, Feb. 16, 1779, to the Commissioners in Paris.

2. An account of emission of bills of credit, Feb. 1784. Certificates issued by F. Hopkinson. Emissions of bills of credit ordered by Congress as they stand on the journals, taken from a memorandum by Mr. Gerry. Bills counterfeited. Emissions of Continental money.

"Scale of depreciation adopted by Congress for liquidating debts in Continental money, furnished me by Simeon Dewitt of Albany, Apr. 1887. See a scale of depreciation in Belknap's *Hist. of New Hampshire*, iii. 226: also another scale of depreciation in Felt's *Currency of Mass.* p. 186."

Scale of depreciation. View of all the emissions by Congress compared with the depreciation (pp. 84–95).

3. Autographs, 1779–1783 (pp. 96–281): Jabez Bowen, Dep.Gov. R. I., Providence, Mar. 23, 1779, to Gen. Gates. Anxiety about the post at Howland Ferry.

William Ellery, Philad., Apr. 6, 1779.

Duportail, Philad., Apr. 6, 1779, about the resolve of the Council concerning him; addressed to Washington.

Henry Laurens, Philad., Apr. 4, 1779, to Gov. Caswell of N. C., vindicating himself against the charges of the North Carolina delegates.

Artemas Ward, Boston, Apr. 17, 1779, to Gen. Gates.

Samuel Cooper, Boston, Apr. 17, 1779, to Gen. Gates, on free fisheries.

Jos. Spencer, Philad., May 4, 1779, to Oliver Ellsworth.

Duplessis, Besançon. May 4, 1779, to Washington. "I am American soldier, and it is for all my life."

J. Seagrove, Charlestown, S. C., May 18, 1779, to Gouverneur Morris, about the invasion by Gen. Provo.

John Stark, Greenwich, May 21, 1779, to Gen. Gates.

Nathanael Greene, Q. M. General's quarters, May 31, 1779, to Washington.

Wm. Ledyard, New London, June 7, 1779, to Gen. Gates, about prisoners.

Israel Angell, Camp, Graves Hill, June 17, 1779, to Gen. Gates.

John Jay, Philad., June, 1779, to B. Franklin, respecting the efforts of Beaumarchais, etc.

Jas. Lovell, Philad., July 16, 1779, to Dr. Franklin, — a copy.

Henry Lee, jr., Haverstraw, July 21, 1779, to Washington about military movements along the Hudson.

Gérard, Philad., July 29, 1779, to Washington.

F. Barber, Newtown, Aug. 30, 1779, to Mrs. Barber, about progress in the expedition against the Indians.

Sam. Huntington, President of Congress, Philad., Oct. 1, 1779 to Gov. Clinton.

W. Greene, South Kingston, R. I., Oct. 26, 1779, to Gen. Gates, congratulating him on the evacuation of Rhode Island by the enemy.

Robert Troup, Sec. Treasury Office, Oct. 29, 1779, to Gen. Gates.

Jere Wadsworth, Commissary-General, Murderers Creek, near New Windsor, Nov. 2, 1779, to Gov. Clinton.

Gen. Alex. Lillington, Nov. 15, 1779, to Gov. Caswell of N. Carolina.

Gen. Robert Howe, Fishkill, Dec. 16, 1779, to Washington.

Computation of the monies received quarterly into the several loan-offices from the time of their first establishment in 1776.

William Livingston, Morristown, Jan. 13, 1780, to Washington.

Jno. Witherspoon, Tusculum near Princeton, Jan. 14, 1780, to Washington. The straits of the army.

Lyman Hall, Pedee, S. C., Jan. 25, 1780, asking for a flag for Mr. Miller, to go within the enemy's line to get his wife and children.

Col. Gouvion, West Point, Jan. 30, 1780, to Washington, about the terms of service of some sappers.

Thomas Jefferson, Williamsburg, Feb. 10, 1780, to Washington about reënforcing G. R. Clarke for an expedition against Detroit, or for an attack on hostile indians in the west; saying that he had heard that Col. Broadhead was planning a similar

movement against the Indians, and if so, he should direct Clarke against Detroit.

Benj Stoddert, Secretary, War-Office, Feb. 15, 1780, to Gen. Lincoln, about annexing Pulaski's legion to the corps of Armand.

Thomas Johnson, Governor of Maryland, Fredericktown, Mar. 4, 1780, about the keeping of prisoners.

Thad. Kosciuszko, West Point, Mar. 28, 1780, about teams for completing the works.

List of the navy of the United States, March, 1780.

Jno. Mathews, Philad., Apr. 18, 1780, to Gen. Gates in Va.

Copies of the following letters: —

R. Lloyd, Morristown, Apr. 26, 1780, to Gov. Livingston.

Wm. Maxwell, Jersey Camp, June 14, 1780, to Gov. Livingston.

Elias Dayton. Chatham, June 30, 1780, to Gov. Livingston.

Gen. Greene, Camp Tappan, Sept. 25, 1780, to Samuel Huntington.

Jonathan Trumbull, Lebanon, Nov. 22, 1779, to Gov. Livingston.

Elias Boudinot, Jan. 2, 1781, to Gov. Livingston.

Samuel Smith, Princeton, Jan. 3, 1781, to Gov. Livingston.

James Burnside, Trenton, Jan. 11, 1781, to Gov. Livingston.

John Matthews to W. Livingston (extract)

Also these letters: —

Christopher Gadsden, May 11, 1780, to Gen. Lincoln.

Gen. Leslie, Charlestown, May 13, 1780.

William Houston, Philad., May 21, 1780, to Gov. Livingston. (Copy.)

Gen. I. Paterson, Charlestown, June 2, 1780, to Gen. Lincoln.

P. Muhlenberg, June 19, 1780, to Washington.

D. Humphreys, June 28, 1780, to Gen. Washington. "Opened at Mr. Lott's, five o'ck. P.M., by your humble servant Ant. Wayne."

Geo. Walton, Philad., June 27, 1780, to Gen. Gates.

De Corny, Providence, July 11, 1780, to Washington.

Jethro Sumner, Warren, July 20, 1780, to Gen. Gates.

O. H. Williams, July 29, 1780, to Gen. Gates.

Le Chevalier de Ternay, July 30, 1780, [to Washington ?] *in French.*

Enoch Poor, West Point, Aug. 3, 1780, to Washington.

Gen. Edward Stevens, Cox's Mills, Aug. 5, 1780, to Gen. Gates.

Lord Rawdon, Camp at Beaver Dam, Aug. 10, 1780, to Gen. Gates.

Richard Howley, Sept. 10, 1780, to Gen. Gates.

William Grayson, War Office, Aug. 29, 1780, to Gen. Gates.

Notes of the different subjects, etc. contained in the memorial to Congress in behalf of the American army . . . Extracts from the minutes. (Signed) Chas. Thomson, Secretary.

Maj.-Gen. R. Caswell, Dobbs County, Sept. 1, 1780, to Gen. Gates.

Gov. A. Nash of North Carolina, Hillsborough, Sept. 8, 1780, to Gen. Gates.

Lt.-Col. Peter Horry, Wilmington, Sept. 22, 1780, to Gen. Gates.

B. Talmadge, Northcastle, Sept. 23, 1780, to Gov. Geo. Clinton. Capture of André, etc.

R. R. Livingston, Valley Lebanon, Oct. 1, 1780, to Gov. Clinton. Discovery of Arnold's treason, etc.

Vergennes, Versailles, Oct. 1, 1780, to Lafayette, "by whom this autograph was given to me."

Francis Marion, Benbow's Ferry, Black River, Nov. 9, 1780, to Gen. Gates.

Thomas Sumter, Camp at Col. Wattson's, Dec. 2, 1780, to Gen. Gates.

Lafayette, Philad., Dec. 13, 1780, to Dr. Franklin.

John Witherspoon, Philad., Dec. 16, 1780, to Gov. Livingston. (Copy.)

Duke de Lauzun, Lebanon, Dec. 21, [1780, to Washington. Brief note covering packet to Rochambeau.

W. A. Clark, Chatham, Dec. 21, 1780.

Maj. D. S. Franks [Jan. 8, 1781].

C. W. F. Dumas, The Hague, Jan. 23, 1781, to the President of Congress.

Letter not signed, Chatham, Jan. 26, 1781, on riotous proceedings of the Jersey brigade.

Col. F. Barber [Jan. 27, 1781] to Col. Dayton.

Col. Shreve, Jersey Camp, Jan. 27, 1781, to Col. Dayton.

Letter not signed, Chatham, Essex Co., Jan. 27, 1781, to General Howe.

Destouches, Rhode Island, Jan. 27, 1781, [to Washington?].

Jno. Matthews, Philad., Jan. 29, 1781, to Gov. Livingston. (Copy.)

Steuben. Feb. 23, 1781.

David Brearley, Trenton, Feb. 24, 1781. News from Greene and Cornwallis: the latter's desperate game.

William Houston, Philad., Mar. 22, 1781, to Gov. Livingston. (Copy.)

Lafayette, Head of Elk, Apr. 10, 1781, to Gov. Lee of Maryland.

Adam Hyle, New Brunswick Apr. 17, 1781, to Gov. Livingston. (Copy.)

Joseph Reed, Philad., Apr. 18, 1781, to Gov. Livingston. (Copy.)

Jos. Reed, Philad., May 4, 1781.

F. Barber, Virginia, Wilton, May 18, 1781, to Col. Dayton.

Barras, Newport, May 31, 1781.

Printed circular, about Morris's plan of a bank, signed by Geo. Clymer and John Nixon (in autograph), addressed to John Langdon, Portsmouth, N.H., appointing him agent to solicit subscriptions.

F. Barber, Brook's Bridge, over Pamunky River, Va., June 9, 1781, to Col. Dayton.

James Clinton, Albany, June 28, 1781, to Washington.

A. Ogden, Camp, Malborn Hill, 18 miles from Richmond, July 28, 1781, to Col. Dayton.

F. Barber, Camp, 15 miles from Williamsburg, July 3, 1781, to Col. Elias Dayton.

F. Barber, Malbourne Hills, Va., July 28, and July 29, 1781, to Col. Dayton.

F. Barber, Camp, West Point, Va., Aug. 16, 1781, to Col. Dayton.

Return of killed, wounded and missing of the Southern army commanded by the Hon. Maj.-Gen. Greene, in the action of Eutaw, the 8th day of Sept. 1781, signed by O. H. Williams, D.A.G. It shows a total of 339 Continentals and 454 state troops and militia.

Return of prisoners taken at the surrender of the British garrison of York and Gloucester in Virginia, Oct. 19, 1781, exclusive of marines and officers and soldiers, taken, etc. during the siege. It shows a total of 7050.

Elias Boudinot, Philad., Sept. 29 and Oct. 20, 1781, to Gov. Livingston. (Copies.)

Lafayette, Light Camp, Nov. 19, 1780 [out of place]. Not addressed. About Arnold in the British army and an intercepted letter of Gen. Leslie to Cornwallis.

Henry Laurens [in pencil] Tower of London, Dec. 20, 1781. It concludes: "A friend will trace over the direction with ink," which reads, showing the pencil line underneath: "His Excellency the President of Congress, for Congress, at Philadelphia."

John Laurens, Jacksonbury, S. C., Jan. 28, 1782, to Washington.

An accurate account of the cantonments of the several British and Hessian regiments, together with the new raised corps, etc. Feb. 6, 1782. The points covered are New York, Long Island, Paulus' Hook.

Comte de Bieniewski, Philad., Mar. 18, 1782; addressed "Mon General."

Henry Laurens, jr., Amsterdam, Mar. 28, 1782, to John Hanson, President of Congress, descriptive of his father's confinement in the Tower. (Copy.)

Representations of the legislature of New Jersey, respecting exchange of prisoners. "Apparently submitted to the Commissioners, Gov. Morris and Gen. Knox, for exchanging prisoners. Apr. 1782."

Wm. Livingston, Trenton, May 13, 1782, to Gen. Sir Guy Carleton. (Copy.)

Henry Knox, War Office, Philad., May 14, 1782, to Gen. Washington.

J. S. Eustace, H. Q., Ebenezer, Georgia, May 26, 1782, to Maj.-Gen. Smallwood.

B. Lincoln, War Office, May 31, 1782, to Col. Dayton.

Gay Carleton, H. Q., N. Y., June 12, 1782, to Gov. Livingston. (Copy.)

Edmund Randolph, Richmond, July 8, 1782 [endorsed in Washington's hand, but not addresed].

Guy Carleton, N. Y., July 21, 1782, to Gov. Livingston. (Copy.)

Anonymous letter, Philad., July 25, 1782, addressed "Dear Ben." [Gen. Lincoln], about the suicide of Maj. Galvan, a French officer.

Abraham Clark, Philad., July 29, 1782, to Col. Dayton.

Lewis Nicola, Fishkill, Aug. 12, 1782, to Gen. Washington, asking leave of absence for Lieut. Hall of the invalid regiment.

Capt. Robt. Kirkwood, Wilmington, Del., Dec. 18, 1782.

Lafayette, Feb. 5, 1783. (Copy.)

Mr. Fitzherbert, Hôtel du Parc Royal, Feb. 14 [1783], to Dr. Franklin.

Gen. Greene, Charlestown, Mar. 8, 1783, to Gov. Guerade. (Copy.)

Richard Oswald, London, Mar. 14, 1783.

Brig.-Gen. Armand, Mar. 27, 1783, thanking Washington for promotion.

L.

Letters and other Papers relating to the American Revolution, copied from the originals in the office of the Secretary of State of Pennsylvania, 1826.

1. From the minutes of the Committee of Safety, vol. i., July 3, 1775, etc.; vol. ii., July 24, 1776, etc. (p. 11.)

2. Minutes of the Council of Safety which met at Lancaster, Oct. 17, 1777. (p. 13.)

3. Minutes of the Supreme Executive Council, vol. i., Mar. 4, 1777, etc. (p. 17.)

4. Letters. From Washington, 1777, 1778, 1779, 1780, 1781, 1782; Gen. Wayne, 1777, 1778, 1780, 1781; Richard Peters, 1779, 1780; Wm. Irvine, 1781; Gen. John Armstrong, 1777; Gen. Greene, 1780.

Council of War summoned by Com. Hazlewood, Nov. 14, 1777, respecting the defence of the Delaware river, and a letter of John Hazlewood, on board "Chatham Galley," Oct. 29, 1777.

Letters, — from Gen. Wm. Irvine, 1780; Gen. James Potter, 1777; Gen. John Lacey, 1778; Gen. Arthur St. Clair, 1779, 1780, 1781; Gen. Sullivan, 1779; Steuben, 1780; Gov. Wharton, 1777, 1778, to Gen. Washington; President Jos. Reed, 1779, to Generals Washington and Sullivan.

5. From Provincial Records, vol. i.

6. Letters copied from the office of the Clerk of the House of Representatives: From Richard Butler, &c., 1779; Gen. Wayne, 1779; Robert Magaw, 1778; Gen. St. Clair, 1778; Stephen Hopkins, 1779; Ira Allen, 1780; Gen. Washington, 1780, 1781, 1783; Thomas Paine, 1780.

*** The volume has a chronological index.

LI.

Memoranda, historical. This volume consists of notes for historical study, mostly pertaining to the Revolutionary War, and these notes are mainly references on designated points.

Extracts from Hansard's *Parliamentary History*, 1755.

References on the Ohio boundaries; Armed Neutrality.

Notes on the boundaries of Canada, Nova Scotia, Rights of Trade in Time of War, Vergennes, Beaumarchais' Charge against the States, Navigation of Neutrals, Holland, Frederick II.

Commercial transactions in France, 1776–77. Translated and abridged from Rayneval's *Observations sur le Mémoire justificatif de la Cour de Londres*, pp. 65–74.

Letter of H. B. Livingston, secretary to Jay, Madrid, July 12, 1780.

Title page intended apparently for a proposed work by Mr. Sparks: "A History of the Foreign Relations of the United States of America, during the War of the Revolution. Vol. i., from 1775 to the Treaty of Alliance with France, 1778. Vol. ii., from the Treaty of Alliance to the Armed Neutrality, 1780. Vol. iii., from the Armed Neutrality to the Definitive Treaty of Peace."

Dates copied from a pamphlet entitled: "*British and American Chronicle*, London. 1783." The dates begin 1775.

Lettre de M. Gérard à M. le Comte de Vergennes, Philad., Mar. 9, 1779.

LII.

Miscellaneous Papers. Collected from various sources. 1843.

Vol. I. 1. "Letter from Barbeu Dubourg to Dr. Franklin, Paris, June 12, 1776. Copied from a letter among Washington's papers. Sent July 2d."

2. "Letters from Silas Deane. Copied from the originals in the possession of his son, which were lent to me by Mr. Mitchell, of Hartford, Conn. 1776–1785. From p. 22 to p. 193." On a fly-leaf Mr. Sparks has written: "Silas Deane was member of Congress from Connecticut for the years 1774 and 1775. His term of service expired on the 26th of January, 1776, when the new delegates from Connecticut for that year took their seats in Congress. On the 3d of March, 1776, he received instructions to proceed to France as commercial and political agent for the United States. He was appointed by the Committee of Secret Correspondence on the part of Congress. On the 26th of September he was appointed by Congress one of the three Commissioners to France; the other Commissioners being Dr. Franklin and Arthur Lee."

The letters begin with one addressed to Robert Morris and the Committee of Secret Correspondence, from Bordeaux, June 23, 1767.

The most important of the other papers are the following: Memoir of Silas Deane to ["Mr. de Vergennes?" adds Sparks]. Paris, Aug. 22, 1776.

Additional instructions to the U. S. Commissioners. Oct. 16, 1776.

Correspondence with the Comte de Vergennes, the Secret Com. of Congress, M. Gérard, Baron de Kalb, etc.

Silas Deane's memoir or address to Congress, in Dec. 1778. Mr. Sparks adds in a note: "The following memoir has been printed in Philadelphia in a volume entitled *Papers in relation to the case of Silas Deane*, 1855, from a copy found among the papers of Henry Laurens, who was President of Congress at the time it was written. The printed copy differs in some particulars from the following." Mr. Sparks also marks three paragraphs from the end, where the printed copy ends; and adds: "The above address was laid before Congress on the 21st of December, 1778. See the following letter to Gen. Schuyler [dated Philadelphia, Feb. 2, 1779] and *Diplomatic Corresp.* i. 177.

Votes of Congress respecting Mr. Deane, May 26, 1779.

Letters to Gen. Schuyler, June 2, 1780; from Gen. Greene, Ashley River, Oct. 2, 1782. The last letters are in July, 1785.

3. "Letters from John Adams and the Commissioners in Paris," copied from John Adams's Letter-books, 1778–1783." The earliest is Aug. 30, 1778.

4. "Letter from M. de Rayneval to Mr. Monroe and extracts from Rayneval's Correspondence. This paper was furnished to me by Mr. Madison; and afterwards Mr. Monroe permitted me to make use of it, as appears by his letter at the end. I have since seen the whole of Rayneval's Correspondence in the Public Archives in Paris. See large extracts in my French papers." "Copied at

Mr. Madison's, Montpellier, Apr. 1830." The letter is dated "Paris, le 14 Novr, 1795." Among the letters following is a note from Mr. John Vaughan of Philad., May 6, 1836, covering an extract from a letter of Benj. Vaughan, calling in question Mr. Sparks's statements in the *North American Review*, in respect to the relations of Lord Lansdowne and Rayneval, etc., upon which Mr. Sparks comments: "I have seen the original instructions from Count Vergennes, and all the correspondence between them, while Rayneval was in England, and can say that all the suspicions contained in the preceding remarks are utterly groundless."

5. "Diary and letters of Matthew Ridley, 1782–1783, containing many errors and false suspicions respecting men and things in Paris (particularly Dr. Franklin), as may be seen by my French manuscripts relating to that time; and also in Franklin's *Life and Writings*." "Copied from the papers of Matthew Ridley, of Maryland, now in the possession of Mr. Theodore Sedgwick, Jr., New York. April, 1832." The earliest is dated Philadelphia, Aug. 6, 1782, from Gouverneur Morris. There are other letters from Robert Morris.

Journals of Ridley in Europe, Oct. 24, 1777, to Feb. 17, 1778; Nov. 20, 1781, to May 8, 1782; May 9 to Sept. 22, 1782. (This last is endorsed by Mr. Sparks: "Full of *false* suspicions against Dr. Franklin.") Sept. 23, 1782, to Jan. 23, 1783. (The last entry is really Nov. 29, 1782.)

6. Extracts from Rev. Richard Warner's Literary Recollections, made by Isaac P. Davis in 1839. They relate to David Hartley in 1783.

7. "Memoranda concerning Commissioners in France." Simply dates of appointments, terms of service, etc., in Mr. Sparks's handwriting.

8. "Count d'Estaing's Correspondence, 1778–1779. Copied from the originals in the Marine Department, Paris, 1841."

Déclaration adressée au nom du Roi à tout les anciens français de l'Amérique Septale, à Boston, le 28 Oct. 1778. (Signed Estaing.)

Letters from Luzerne (26 7bre 1779), Marquis de Bretigney (17 Juillet, 1779), Plombard (17 Juillet, 1779).

Also letters from d'Estaing to John Rutledge (31 Août, 1779), Plombard (31 Août, 1779), Bretigney (31 Août, 1779), and "à bord du Languedoc," Brest, 5 Dec. 1779.

Vol. II. 1. "Arnold's Journal of his Expedition to Canada. The original in possession of Judge Edwards of New York. This copy given me by Mr. R. R. Ward, Feb. 1831." Begins abruptly under Sept. 26, 1775, and ends equally so Oct. 30, 1775.

2. List of officers and volunteers on the march (Kennebec Expedition) "furnished by Col. Ward, who was in the expedition." (New York, Feb. 1831.)

3. "Letters from Benedict Arnold, 1775 to 1780." Begins with Arnold's Commission from the Com. of Safety in Cambridge, May 3, 1775. Arnold's letters from Crown Point, May 29, 1775; Albany, July 11; Point-aux-Trembles, Nov. 20; General Hospital (near Quebec), Dec. 31; before Quebec, 1776. Jan. 11, 12, 24, Feb. 1, 12; Sorel, May 17; Lachine, May 25; St. Anns, May 27; Windmill Point, Sept. 7; Philadelphia, 1777, May 20, June 10, 13, July 11, 12; Albany, 1778, Jan. 11; Philadelphia, June 24, July 9; 1779, Mar. 17, 18, 27, Apr. 16, 26, Oct. 6; 1780, Feb. 28, May 10, July 17.

4. "Letters from General Montgomery, 1775." Camp before St. Johns, 1775, Oct. 22, Nov. 1, 12; before Quebec, Dec. 16; Statement on opening a Council-of-war.

5. "Report concerning the Highlands and Ticonderoga, Nov. 1775," from a Committee appointed to confer with General Schuyler "and to use their endeavors to procure an accession of the Canadians to a union with these colonies." Signed by Robert Treat Paine and John Langdon; with letter, Ticonderoga, Nov. 30, 1775, addressed to Gen. Montgomery and signed by Robert B. Livingston, Paine, and Langdon.

6. "Canada Expedition, 1776. Copied from MSS. in the Am. Phil. Soc., Philadelphia, Feb. 1831. Some of these MSS. are in the hands of Dr. Mease. 1776–1783."

"The following journal was kept by Jacob Shallus, Esquire, of Philadelphia, who went upon the expedition as a volunteer." It begins: "Camp before Quebec, May 6, 1776," and ends July 1, at Gilliland Creek, not far from Crown Point.

7. "Miscellaneous. From Pettit's papers, in the Am. Ph. Soc."

Clement Biddle to Gen. Greene, Raritan, Oct. 30, 1779. W. D. Hart to Greene, Panamas, Jan. 13, 1780. W. S. Livingston to Greene, Philad., Nov. 5, 1778. Archibald Steele to Col. Chas. Pettit, Pittsburgh, Jan. 28, 1779. Walter Stewart to Greene, Fredericksburg, Jan. 4, 1778. Samuel Adams to Dennis de Berdt, Boston, May 9, 1769. Thomas Cushing to Arthur Lee, Boston, Mar. 31, 1774. John Haslet to Cæsar Rodney, Camp at Tappan, Nov. 12, 19, 1776. James Tilton to Rodney, Brunswick, N. J., Nov. 20, 1776 (describing battle of White-plains). G. Weedon to Col. Wm. Payson, Richmond, Oct. 29, 1780. G. Weedon to Gen. Gates, Nov. 2, 1780. W. Winnot to Gen. Smallwood, Ashly Hill, Sept. 26, 1782. Gen. Greene to Gen. Weedon, Apr. 22, Oct. 1, 1782. John F. Mercer to Gen. Weedon, Philad., Mar. 24, 1783. Theophilus Blond to Gen. Weedon, Philad., Mar. 28, 1783.

An account of the Delaware Regiment, Sept. 20, 1818.

8. "Life of General Morgan." Letter to Sparks from Lemuel Bent, Aug. 22, 1827; Notes on Morgan's career; "Extracts from a paper written by Gen. Morgan and now (Aug. 22, 1831) in possession of Gen. Armstrong," describing his service in 1774, under Dunmore, and in 1775–76, before Quebec.

*** This account by Morgan is printed at greater length in the *Hist. Mag.* (xix. 879) as from the *Pittsburgh Gazette*, July 10, 1818, where it is said to have been found among some papers once belonging to Gen. Henry Lee, and is supposed to have been addressed to that officer by Morgan about 1800. Morgan died in 1802.

9. "Beverley Robinson's Letters to Ethan Allen and Allen's reply, 1780–1781," about efforts to detach the Green Mountain boys from the American cause.

10. "Copies of letters contained among the papers of John Langdon of New Hampshire. The originals now in the possession of his daughter, Mrs. Elwyn of Philadelphia. Examined and selected, Jan. 1831. 1774–1788."

John Sullivan to John Langdon, Philadelphia, Sept. 5, 1774; also from Camp at Winter Hill, Sept. 4, Oct. 4, 1775.

Instructions to Livingston, Paine, and Langdon on their mission to Canada, Nov. 1775.

Wm. Whipple to Langdon, Portsmouth, Nov. 12, 1775 (account of the burning of Falmouth, now Portland).

Report of the New Hampshire Assembly on Independence.

Numerous letters from Josiah Bartlett, Wm. Whipple, and James Lovell.

Occasional letters from Timothy Pickering, Gen. Schuyler, Rev. Mr. McClintock, Meshech Weare, Robert Morris, Ebenezer Thompson, Gen. St. Clair, A. R. Cutter, Wm. Ellery, John Wentworth, Richard Henry Lee, Tobias Lee, Edmund Randolph.

Gen. Sullivan's defence of his conduct at Staten Island and Brandywine, dated Nov. 9, 1777. (p. 199.)

A journal of the campaign against Burgoyne, Oct. 6 to Nov. 9, when the writer "attended Mr. Burgoyne to Boston."

Henry Laurens' resignation in Congress, Dec. 9, 1778.

Some of the above letters are addressed to Gen. Whipple, Col. Langdon, and Josiah Bartlett.

11. Councils of War. Copied from Gen. Washington's papers, 1775–1781. Begins with one at Cambridge, July 9, 1775; and ends with one at New Windsor, June 12, 1781.

VOL. III. 1. "Wm. S. Johnson's letters. Copied from the papers of William Samuel Johnson now in the possession of Wm. S. Johnson of New York. March, 1831. 1753–1770."

Begins with a letter from Cadwallader Colden, Coldengham, Mar. 20, 1753. The letters include among others one to the author of the *London Magazine*, dated 1760, signed Philanglus Americanus.

Also letters from Wm. Pitkin, Jonathan Trumbull, Wm. Williams, James Duane, Silas Deane, John Fitch.

Gov. Trmbull's official letter to Gen. Gage, Apr. 28, 1775.

2. "Copied from Wm. S. Johnson's letter book, in the Mass. Hist. Society."

*** These letters are printed in the *Trumbull Papers*, published by the Mass. Hist. Soc. in 1885.

3. "Copied from the papers of Gov. Wm. Livingston, now in the possession of Theodore Sedgwick, jr., New York. Copied June, 1832. 1776–1777."

Letters of Henry Brockholst Livingston, Ticonderoga, June 30, 1777; July 3 (printed in Sedgwick's *Livingston*), 12; Fort Edw^{d}, July 17, 21; Stillwater, Aug. 6; Philemon Dickinson, Sept. 23, 1776, Sept. 3, 1777; Wm. Winds, Sept. 22, 24, 1777; Gen. Mercer, 1776, July 14, 22, Aug. 29; Joseph Reed, July 17; Wm. Hooper, Sept. 2; Gen. Maxwell, Oct. 20; Matthias Williamson, Nov. 21; Wm. Livingston, July 3, 1776; Aug. 13, Oct. 24.

4. "Letters from General Charles Lee, 1776–1780." Copies corrected by Sparks for the press. Beginning with one to the president of the N. Y. Congress, dated New York, Feb. 14, 1776, followed by others to Washington, Feb. 19, Mar. 3; to the N. Y. Congress, New York, Feb. 20, Mar. 4, 6, Apr. 7; to Col. Sears, New York, March 5; to Daniel Jenefer, Williamsburgh, May 6, 1776; to John Hancock, Williamsburgh, May 7; Savannah, Aug. 24; New York, Feb. 10, 1777, Mar. 19; to Edmund Pendleton, Washington, June 1, 1776; to unknown persons, Princetown, Oct. 10, 1776; Amboy, Oct. 12; Apr. 17, 1778; to Benj. Franklin, Nov. 6, 1776; to Robert Morris, New York, May 19, 1777; to Henry Laurens, Yorktown, May 13, 1778; Whiteplains, Sept. 4; Philad., Oct. 16, Oct. 30; to John Jay, Philad., Dec. 17, 1778; Feb. 27, 1779; Berkley Co., Jan. 30, 1780; Elk Ridge, Oct. 3, 8.

*** The Charles Lee Papers have been printed by the N. Y. Hist. Society.

5. "Letters from General Conway, 1777–1778." Begins with one dated "In camp, 6 June, 1777, covering one from Silas Deane, Paris, Feb. 7, 1777. Papers about appointing Rev. Dr. Wm. Rogers to a chaplaincy. Letters of Conway to Congress, Pott's grove, Sept. 1777; Mattuchen hills, Oct. 19; Whitemarsh, Nov. 15; Albany,

Apr. 6, 1778; Fishkill, Apr. 22; Albany, May 18; Fishkill, May 22; Yorktown, June 9, 17; Philad., Oct. 4, 9; and one to Chas. Carroll, Nov. 14, 1777.

6. "Account of Baron Steuben's services during the Revolution." Letter to Washington from Steuben, Aug. 25, 1789, accompanied by a "State of facts alluded to in the Baron Steuben's Memorial."

7. "Letters from Lafayette to Congress, 1777–1782." Begins with one dated Aug. 13, 1777, and this is followed by others dated Yorktown, Jan. 31, 1778; Albany, Mar. 20; Valley Forge, May 25; Camp near Warren, Sept. 23; Fishkill, Nov. 29; near Rochfort, June 12 and 13, 1779; Philad., May 16, 1780; Nov. 25, 1781; "Alliance, off Boston," Dec. 23, 1781; Paris, Jan. 1782; June 29; Cadiz, Feb. 5, 1783.

8. Miscellaneous letters and papers concerning the Revolution, 1774–1783."

Destruction of the Tea. The following is copied from a paper in the handwriting of Dr. Williamson, and now in possession of Dr. Hosack, N. Y."

"New York, June 7, 1827. Information of Hugh Williamson, M. D. Before his majesty's most honourable Privy Council, Feb. 19, 1774, Dr. Williamson of Philadelphia being examined . . . said:" etc.

9. "From papers in the State house of Mass." Estimate of damage done at Cambridge, Lexington, and Concord, on Apr. 19, 1775, as reported by a Com. of the Prov. Congress, amounting to —

In Cambridge,	£1202	8	7
In Lexington,	1716	1	5
In Concord,	274	16	7
	£3193	6	7

Order of Apr. 26, 1775, empowering Richard Derby to fit out his vessel as a packet to England, to carry the news of Lexington fight.

Rolls of Stockbridge indians, and other items, relating to Prov. Congress.

Abridgment, made June 29, 1831, of Report of the Com. of the legislature, Oct. 25, 1776, on the powers of Committees of Correspondence.

Orders about a proposed Constitution of Mass. Abstract of the minutes of the Convention, June 17, 1777, etc. Opinions of Massachusetts towns on the articles of Confederation, Jan. and Feb. 1778.

Convention of delegates of the N. E. States at Providence, Dec. 25, 1776, for regulating prices, etc.

Convention of New England and N. York, at Springfield, July 30, 1777, to consider the subject of paper currency.

Acts of the legislature respecting Tories (1776), Slaves (1777), and an embargo (1777), with the complaint of New York.

10. Letter of Samuel Chase and Charles Carroll to Maj. Gen. Thomas, Montreal, May 26, 1776.

11. "Concerning the Declaration of independence." Letter from Thomas Jefferson to John Vaughan, Sept. 16, 1825

12. "Affair of Fort Montgomery." Letters of Greene and others to Washington, relative to obstructions in the North River, dated Peekskill, May 17, 1777.

13. Joseph Reed, Philad., June 18, 1777, to Washington.

14. Gouverneur Morris to the President of the Council [July, 1777.]

15. "Battle of Brandywine." Wm. B. Reed to Jared Sparks, Philad., July 29, 1839, with a small pen plan of the battlefield. Note of Sparks (Apr. 27, 1834) referring to Gen. Sullivan's letter on the battle to the President of Congress in *N. H. Hist. Soc. Coll.* ii. 208; and that the ford called Buffenton's at a later day was not the one so called at the time of the battle. Letter of Alfred Elwyn on this subject, Philad., Sept. 8, 1839.

16. Fort Montgomery. Gen. James Clinton, Oct. 4, 1777, to Gen. Geo. Clinton. Gen. Putnam to Geo. Clinton, Oct. 4. Geo. Clinton to the Senate, etc. Oct. 4; to James Clinton, Oct. 5. General orders, Oct. 6. Putnam to Geo. Clinton, Oct. 6. Geo. Clinton to the Assembly [Oct. 8].

Mr. Sparks' notes: "The number of prisoners at Fort Montgomery, according to a British return now before me, and signed Joshua Loring, British Commissary General of prisoners, was as follows: 1 colonel . . . 237 privates, 263 total."

17. Letter of De Kalb, Bethlehem, Sept. 18, 1777.

18. "Copied from a paper in Washington's hand-writing. Thoughts upon a plan of operation for campaign, 1778." Three plans are proposed.

19. William Gordon to Gen. Washington, Jamaica Plain, Feb. 25, 1778.

20. Washington, Valley Forge, Mar. 1, 1778, to Bryan Fairfax.

21. Dr. Gordon, Jamaica Plain, Mar. 2, 1778, to Washington, with "statement of Col. Wilkinson" enclosed.

22. Letter from Pulaski, Yorktown, Mar. 19, 1778, "very badly translated."

23. John Glover, Cambridge, Jan. 27, 1778, to Washington, about his conducting Burgoyne and his army to Cambridge from Saratoga.

24. Letters of Geo. Clinton (Poughkeepsie, May 14, 1778); Schuyler (Albany, May 17); John Jay (Albany, May 20); Gouv. Morris, Yorktown, May 23); John Jay (Fishkill, June 3); Hamilton (Cranberrytown, June 25, and Robin's tavern, June 26, June 28, Blackpoint, July 20).

25. "Operations at Newport." Data copied in Sparks' hand, beginning July 29, 1778, and ending Aug. 29, 1778.

26. "Translation. Count d'Estaing to the Prest. of Congress, Aug. 25, 1778," version corrected by Sparks.

27. John Jay, White plains, Aug. 29, Sept. 13, and Oct. 21, 1778, to G. Morris.

Washington, White plains, Sept. 5, and Valley Forge, May 29, 1778, Middlebush, May 6, 1779, to Morris.

Morris, Philad., Nov. 11, 1778. Mar. 14, 1779, to Washington.

28. Admiral Collier and Gen. Tryon's address, July 4, 1779, to the inhabitants of Connecticut.

29. "British attack on New Haven, Norwalk, and Fairfield in 1779." Statement of losses, and estimated losses in New London and Groton by the invasion of Arnold, Sept. 6, 1781. Taken from an original report in Dept. of State at Washington, sent to Congress by Gov. Trumbull, with affidavits respecting the conduct of the enemy.

30. "Grant of land to M. Gérard, Aug. 24, 1779. Copied at Montpellier, Va., Apr. 23, 1830." Attendant papers, and statements by Madison recorded by Sparks.

31. Letters of Hamilton to Dr. Gordon (1779), respecting charges brought by Gordon against Hamilton.

32. John Laurens to the President of Congress, Dec. 6, 13, 1779, and Dec. 21, 1780.

33. Memoranda about Joseph Ward (b. 1737).

34. Francis Dana, Paris, Mar. 8, 1780, to Samuel Adams, from original on file in the Mass. Archives.

35. Alex. Hamilton to Washington, Mar. 17, and June 8, 1780.

36. Rochambeau, Newport, July 25, 30, 1780, to Washington.

37. "Concerning combined operations." Hamilton to Washington, Aug. or Sept. 1780. Endorsed by Washington, "On the proposed Conference at Hartford with the Count de Rochambeau and the Chev. de Ternay."

38. Lafayette, Newbridge, Oct. 7, 1780; Light camp, Oct. 12, 1780.

39. "Vermont affairs." James Duane to Geo. Clinton (extract), Philad., Oct. 18, 1780.

40. Gouverneur Morris to Geo. Clinton, Philad., June 26, 1781; Apr. 20, 1781.

41. Rochambeau to Washington (?), Newport, Apr. 26, 1781.

42. Gates to Washington, Philad., Apr. 29, 1781.

43. Gouverneur Morris, Philad., July 16, 1781.

44. Gen. Greene to Gouv. Morris, South Carolina, Nov. 25, 1781.

45. "Henry Laurens, Dec. 1, 1781. The following petition and letter I copy from a paper in possession of Mr. Madison, who says the petition was printed in the *Parliamentary Register*." The petition follows, dated "Tower of London, Dec. 1, 1781."

"Letter from J. Madison in Congress to a friend, date uncertain, but sometime in the first part of the year 1782." "Copied from the original at Montpellier, Apr. 22, 1830." About the captivity of Laurens.

46. Alex. Hamilton to Geo. Clinton, Philad., July 12, 1783.

47. Memorial of Henry Laurens to Congress, respecting an orphan daughter of John Laurens, dated "Trenton in New Jersey, Nov. 8, 1784."

48. "Officers of the army of the Revolution." "Sent to me from the War Department in Washington." "Very imperfect." Gives officers of South Carolina, Georgia, Foreign officers, States unknown. "Sent from the Pension office, Sept. 25, 1835." Also lists for New Hampshire, Massachusetts, Rhode Island, Connecticut, New York, New Jersey, Pennsylvania, Delaware, Maryland, Virginia, North Carolina.

LIII.

Miscellaneous Papers. Relating chiefly to the American Revolution. From the manuscripts of George Chalmers. Bought in London, 1843.

1. To the Earl of Halifax, from Henry McCulloch, Mar. 10, 1752, with "a List of such employments as properly belong to your Lordship's Province." — Barbadoes, Leeward islands, Jamaica, Bahama islands, Bermudas, South Carolina, North Carolina, Virginia, Maryland, Pennsylvania, New Jersey, New York, Connecticut, Rhode Island, Massachusetts Bay, New Hampshire, Nova Scotia, Newfoundland — foots up per annum for salaries £59,040.

2. "A review of the conduct of the minority, as connected with the American Rebellion and the consequences resulting therefrom, with some observations on the whole." A corrected draft.

3. "Considerations on America's being dismembered from the British Empire, and in consequence thereof becoming an independent state."

4. "Major Morris's account of the affair at Trenton, 1776." Chalmers endorses it: "The following MS. was drawn up by Major Morris in the Congress service, and is valuable for the light it throws on the affair at Trenton. G. C."

[A copy was given to the Adj. General of New Jersey, Mar. 1878].

5. Meetings of Loyalists in London, 1779 Records of several meetings, with names of those present, arranged by Colonies, added to the address to the King, which was adopted.

LIV.

Miscellaneous Papers relating to the Revolution. (1856.)

1. Journal of a British officer in General Howe's army, 1777, — copied from the original.

2. Papers relating to the Northern Campaign in 1777. Letters of Gates, John Brown, Chittenden of Vermont, Joseph Fay, Council of Safety of Vermont, Gen. Jacob Bayley, Gen. Lincoln, Brig. Gen. Powell, Col. Samuel Herrick.

3. Papers relating to Gen. Sullivan's attack upon Staten Island in 1777 (p. 88): Letters of Maj. John Taylor. Maj. Sherburne's testimony. Gen. Wm. Smallwood to Gen. Sullivan and his testimony, Sept. 7, 1777. Maj. Taylor's evidence. Gen. Sullivan to Hancock and to Congress. Capt. Benj. Chambers' evidence. Maj. Jas. R. Reed's testimony. Proceedings of Court of Inquiry, Oct. 1777. Certificate of it. Hamilton and John Laurens, aids to Washington.

4. Account of Jacob Duché, D. D., "written by Mr. Tennison, of Worcester, Jan. 1853."

5. "Copied from the manuscript Papers of General William Irvine. These papers were sent to me by Mr. W. A. Irvine of Pennsylvania. 1847."

Orders to Gen. Irvine, Staten Island Expedition, Aug. 1777.

List of prisoners taken 20th Sept. near the Paoli, belonging to the Seventh Regiment.

Samuel Hay to Col. Irvine, Sept. 29, 1777; Nov. 14.

John Armstrong to General Irvine, Aug. 3, 1780.

Gen. Irvine to the President of Congress. Oct. 1780.

List of the officers, with their ranks and dates of commission, in the Pennsylvania line.

"A state of the British army and the loss they sustained at Brandywine the 11th inst. (1777), taken from one of their orderly books." Mr. Sparks has endorsed this paper: "Fictitious, and unworthy of the least confidence."

Rich. Butler to Gen. Irvine, Sept. 14, 1781; Oct. 22.

Wm. Irvine to the Board of War, Sept. 25, 1781.

Washington to Wm. Irvine, Mar. 8, 1782.

W. Crawford to Gen. Irvine, May 24, 1782. ["Col. Crawford was cruelly tortured and murdered by the Indians at Sandusky, the 11th of June, 18 days after the above letter was written."]

David Williamson to Gen. Irvine, June 13, 1782.

Revolt of the Pennsylvania line. "Copied from an original MS. among General Irvine's papers. The first part missing." Signed "R. M." "Probably written by Col. Richard Butler," says Sparks.

John Armstrong to Callender Irving, July 20th, 1834.

6. Settlement of Ohio. Letter from Rufus Putman, Marietta, Mar. 29, 1816, to Gen. William Shepard.

7. Joseph S. Cottman, Mar. 9, 1840, about Maryland history.

8. Mrs. E. P. Lewis, June 27, 1836, on the Washington family. Edmund T. Lee, Mar. 2d, 1833, on Washington's connection with the Alexandria parish. Extracts from the Fairfax parish records.

9. Henry Onderdonk, jr., Apr. 30, 1850, on Revolutionary matters.

10. D. L. Swain, 1845, on the Mecklenburg Declaration.

11. David P. Hall, 1844, on Gen. Putnam.

12. Duché's prayer in Congress [after the declaration of Independence. Stiles' MS. Diary vii. 211].

13. Account of the old currency. Summary of the state of the old emissions, May 3, 1782. "Copied from a paper in the handwriting of Roger Sherman."

14. Mrs. Maria Campbell, 1844, on General Hull.

15. Samuel G. Drake, 1844, on Hakluyt.

16. On the Recollects in Canada. "Sent to me by G. B. Faribault, Quebec, 1844."

17. E. D. Ingraham, 1846, on portraits of John Paulding, Baron Steuben, Dr. Franklin, Roger Williams, &c.

18. Chas. Lowell, D.D., 1844, respecting a note by Joseph Reed, seen by him among papers left by Adam Fergusson.

19. Henry Onderdonk, jr., about Nathan Hale.

20. John M. Macdonald (1850) and N. Bayles, (1850) on Maj. André.

21. Five letters of Jos. B. Felt (1844) on the Continental bills. "See a table of depreciation for New Jersey in Wilson's *Laws of N. J.* p. 246."

22. Copy of letter of Isaac Barré, London, June 11, 1776, to James Otis, who had sent him the acknowledgments of Boston for his patriotic speech (From *Connecticut Courant*, Monday, Apr. 14, 1766.)

23. Extract from a journal of Margaret Morris, June 14, 1777, "sent to me by Wm. Duane," about "Gen. Reed and Col. Cox," who had decided "to remain firm in the cause of America."

24. Two autobiographic letters (1811) of Andrew Pickens — copies, largely about the campaigns in the South, addressed to Gen. Henry Lee, and a letter (1826) from Andrew Pickens, his son, on his father's death (1817), referring to a sketch of Gen. Pickens printed in *Niles' Register*, 1817.

25. Authorities for an account of the settlement and subsequent history of Georgia.

26. Letter of Geo. Johnstone, Kensington Gore, Jan. 27, 1778, to John Horne, copied in Sparks'

hand-writing from a copy made by Rev. Dr. Chas. Lowell, in 1837, from original in possession of William Horne of Edinburgh.

27. Copied from the originals among the papers of Arthur Lee, deposited in the library of Harvard College.

*** The College library has published a Calendar of all the Arthur Lee Papers in their keeping. Other portions of the Lee Papers are in the libraries of the Amer. Philosophical Society at Philadelphia, and of the University of Virginia.

LV.

Papers relating to the attempted negotiations between England and the United States during the war of the Revolution. "Copied from the originals in the State Paper Office, London, under the direction of Mr. John G. Palfrey, 1856."

First commission, May 6, 1776, with instructions, endorced "Copy of orders and instructions for Lord Viscount Howe and General Howe."

"Copy of additional and separate instructions for Lord Viscount Howe and General Howe, 6 May, 1776." (See *John Adams' Works*, III. 43.)

Letters of Lord Howe to Lord Geo. Germain, "Eagle, off Staten Island, Aug. 4, 1776"; and letter of William Howe, Staten Island, Aug. 11, 1776, to same.

Lord Howe, Sept. 20, to same about General Sullivan's mission to Philadelphia, and the subsequent interview with the Committee of Congress.

General Howe to same, Sept. 20, 1776, about the ineffectiveness of their mission.

Germain to Lord Howe, Oct. 7, 1776.

Representation and petition to the Commissioners, dated New York, Oct. 16, 1776, signed by 955 persons.

The Commissioners, New York, Nov. 30, 1776, and Dec. 22, 1776, to Germain.

Germain to the Commissioners, Jan. 14, 1777, Mar. 3, May 18, 20.

Commissioners to Germain, Mar. 25, 1777.

"See a letter from Lord Geo. Germain to General Howe, Feb. 19, 1778 (Carleton Papers, i. 102), forwarding a draft of the bills presented to Parliament by Lord North on the 17th February. *Note by Sparks.*

Second Commission, Apr. 12, 1778. Orders and instructions to be observed by Carlisle, Lord Howe, William Eden, and George Johnstone.

Gen. Howe, Philad., May 7, 1778, to Germain, about divisions among the Americans.

Lord Howe, Philad., June 10, 1778, to Germain, declining to serve on the Commission.

The Commissioners to Germain, Philad., June 15, 1778; New York, July 5, 7, 19, 26.

Germain to the Commissioners, Aug. 5, 1778; Sept. 2, Oct. 15.

Geo. Johnstone to the Commissioners, Aug. 26.

Commissioners to Germain, New York, Sept. 5, 21; Oct. 15.

Friends of government to Commissioners, Sept. 5.

Loyalists of Massachusetts to the Council and House of Representatives, Sept. 5, 1778.

Minutes respecting the return of persons now in exile from their respective colonies by separate negotiation, Sept. 5, 1778.

Proclamation of Commissioners, Sept. 1778.

Germain to Commissioners, Nov. 4, 1778. "Most secret and confidential." (Printed in the *Life of Jos. Reed*, i. 436.)

Commissioners to Germain, Nov. 15, 16 (two, one "secret") 17, 27.

Commissioners to Lt. Col. Archibald Campbell, "and to all others whom it may concern." Nov. 1778.

Memorial of Greenwood and Higginson, etc., respecting Georgia.

Commissioners to Germain, dated in London, Jan. 2, 1779; to Gen. Campbell, Jan. 21. Their proclamation of Jan. 21, 1779. Letters to Germain, March 8, 1779, Apr. 22, May 29.

Germain to Commissioners, Mar. 16, 31; Apr. 21, May 31.

Eden to Germain, Apr. 11; and to ——, Apr. 30.

[Original MS.] notes in the handwriting of Henry Strachey, Secretary, etc., in the possession of Geo. H. Moore. Account of the interview of Lord Howe and the Commissioners of Congress, Sept. 11, 1776. Sparks' minutes on the paper. "See John Adams' account of this interview on Staten Island, *Works* ix. 443; also Franklin's letter to Lord Howe; also Adams, iii. 75."

LVI.

"Selections and memoranda made in the Public Offices of London and Paris and in the British Museum, 1840–41." This is a note-book concerning such topics as the following: —

Notes on Franklin and Lord Botetourt.

Mecklenburgh Resolves, with an extract from a letter of Gov. Martin, June 30, 1775, enclosing the Resolves in (probably) the *Cape Fear Mercury*, which show that the resolves as originally passed differed materially from these, said to have been passed, and that these latter were drafted after the Declaration of Independence was passed by Congress.

Notes on Junius and Gov. Franklin.

Medal of Washington, dated Lancaster, 1805.

Medal of the Fortieth (British) regiment, a memorial of their service at Germantown.

Baptism of Oglethorpe.

Abstract of a tract called *A Miscellaneous Essay concerning the Courses pursued by Great Britain in the Affairs of the Colonies*, London, 1755, which contains a proposition for a Stamp Act for the American Colonies. The same author's pamphlet, *Proposals for uniting the English Colonies on the Continent of America so as to enable them to act with force and vigor against their Enemies*, London, 1757, is also epitomised.

The Earl of Dartmouth's long letter of general instructions to Gage, June 27, 1775.

Notes about Philip Skene.

Manuscripts relating to America in the British Museum (list made Oct. 15, 1840). Refers to Ayscough's Catalogue, Nos. 1447 (David Ingram), 1692 (Chas. Lodwick), 3448 (Relation concerning the State of New England), 4432 (Mitchell, Jallam, etc.), 1039 (Answer to Capt. Nathaniel Butler).

References are also made to the King's library, No. . . . , Journal of the operations of Braddock's army in America; No. 192, Representation of the Commissioners of Trade to the King, 1721, and reports of different governors of different colonies between 1730 and 1763; and proposal for a Scheme of Union of the Colonies, "by the Earl of Starr in 1721"; No. 193, Reports of the Governors (except Rhode Island) on the State of the Colonies in 1766.

Sparks remarks of a journal of the Braddock campaign, that it was sent to the King after the defeat, and it has a map and five plans of movements, which accord nearly with those engraved in Sparks' *Washington*, vol. ii.

Reference is also made to the Harleian mss., No. 6394, for a Commission and Instructions to the Council of Plantations.

Tarleton's report to Cornwallis in the Royal Institution makes the loss at Wacsaw [Waxhaws] May 29, 1780, British, 14; Americans, 292; at Catawba Forks, Aug. 10, 1786, British loss, 15, killed and wounded.

Cornwallis' report on Camden, Aug. 16, 1780, gives British loss, 325; American, 703.

A volume in the collection in the Royal Institution, marked 1779, is filled with papers of Haldimand, Clinton, Allen, and Chittenden, relative to the movement to join Vermont to Canada.

*** The Haldimand Papers, later acquired by the British Museum, as calendared by Douglass Brymner, the Dominion Archivist at Ottawa, throw more light on this matter. This Calendar is now in course of publication.

Gen. McLean's report to Clinton of British loss (135) Aug. 21, 1779, at Magebequiduce.

"The manuscripts in the Royal Institution contain a full account of military operations during the war in the Southern States, Florida, and the Mississippi Country, being the correspondence of the officers there with the commander-in-chief in New York."

The original petitions of the loyalists in New York, which poured in upon Carleton after it was learned that peace would be established on the basis of American independence, are among the papers in the Royal Institution.

Memoranda made in Paris, Dec. 1840. These cover notes on Count D'Aranda; Florida Blanca's policy; Miralles; the proposed descent upon English fleet and coast, 1779; the proposed mediation of Russia and Austria; the Independence of the United States; the English agents to Spain, Dalrymple and Cumberland; an abstract of Correspondence of Vergennes and Montmarin in 1780; the mediation of the empress of Russia, in 1781; and actions of John Jay.

Sparks says: "I have read the minutes of six conversations between Vergennes and Grenville, concerning peace, and they do not contain a single word about the American treaty or the Americans. Their independence was taken for granted, as both Mr. Grenville and Mr. Oswald had said that this was the determination of the British Cabinet."

Notes on Rayneval in Sept. 1782.

Franklin's letter to Vergennes, Dec. 6, 1782, in which he says of a map sent to him by Vergennes: "I have marked with a strong red line, according to your desire, the limits of the thirteen United States as settled in the preliminaries between the British and American plenipotentiaries."

*** See on this map the *Mass. Hist. Soc. Proc.* Oct. 1887.

Inscription on the tomb of William Temple Franklin in Père la Chaise.

Sparks notes a Faden "map of the United States of North America, with the British and Spanish territories according to the treaty. London, 1783, — which he thinks the earliest map made in England after the treaty, and says that the northeastern boundary is marked as claimed by the United States.

*** This is also claimed for a map by John Wallis, London, Apr. 3, 1783, of which a fac-simile is given in Jones' *New York during the Rev.*, ii. 312.

The following mss. relating to America are in the Bibliothèque du Roi (1841): —

Lettre sur Père Jacques Gravier, 1694.

Penicaut's Relation de la Louisiane pendant 22 années (1700–1722).

Journal du voyage de la Louisiane par le St. Benard de la Harpe (1718–1722).

Lettre de Mons. d'Iberville ou relation de son voyage de l'année 1699.

Journal du voyage fait par deux fregates du Roy, commandé par M. d'Iberville et par M. le Chevalier de Surgeres, 1698. "This journal is strictly chronological, and the last date is July, 1699."

There are several other interesting letters and papers in this volume relating to the above period, and also a map of the Mississippi River in manuscript, dated 1700. In this map the Red River is called *Sablonniere;* the Arkansas, *Tonti;* the Missouri, *Rivière des Osages.*

Voyage au continent Américain par un Français en 1777, et Reflexions philosophiques sur ces nouveaux Republicains.

Second voyage de Jacques Cartier en occident, en 1535 et 1536, suivi d'un petit glossaire ["Ternaux intends to publish this." J. S.]

Voyage fait en Canada en 1535 par ordre de François I. suivi d'un petit glossaire du Pays ["I suppose these two pieces to be copies of the same." J. S.]

Memorandum of Manuscripts relating to America in the British Museum. It covers references to the Harleian MSS.; the Lansdowne MSS.; and the King's library.

LVII.

Selections from the Manuscript Papers of Gen. Lincoln, Gen. Washington, Dr. Franklin, and others.

1. Selections from Gen. Lincoln's Papers [pp. 1-121].

Gen. Lincoln, Hingham, Dec. 4, 1786, and Feb. 22, 1787, to Gen. Washington, advising him of the progress of Shays' Rebellion, and the measures taken to suppress it, including Gov. Bowdoin's instructions of Jan. 19 to Lincoln, Lincoln's letter to Shays, Jan. 30, 1787, Shays' answer, and other letters.

Lincoln to Gov. Rutledge, Charlestown, S. C., Aug. 9, 1779; Aug. 23; Sept. 12, 14, 19, 22, 24, 25, 28, 30; Oct. 1, 4, 5, 6, 7, 9, 10; Jan. 12, 1780; Feb. 28; Mar. 13; to Gen. McIntosh, Aug. 14; to President Jay, Aug. 31, Sept. 5.

Letters of 1779, — to Gen. Huger, Sept. 6; to Gen. Prevost, Oct. 6; to Count D'Estaing, Oct. 11.

Letters to President Huntingdon, Oct. 22, 1779; Jan. 29, 1780; Mar. 14, 21; Apr. 9, June 23; to H. Laurens, Oct. 24, 1779; to Col. John Laurens, Nov. 30; to Com. of Correspondence, Dec. 19, 1779; Jan. 8 and 24, 1780; to Washington, Dec. 23, 1779, Jan. 23 and 27, 1780; Feb. 11, 15, 22; Mar. 4; to Gov. Caswell, Jan. 3 and 29, 1780; Mar. 25; to Com. Whipple, Jan. 17 and 20, 1780; to Lieut. Gov. Gadsden, May 12, 1780.

2. Copied from papers in Gen. Washington's handwriting [pp. 123–184].

Arrangement of the army in the Jerseys, 1777, — Maj. Generals, Brigadiers, and Colonels.

Arrangement of the army on the east side of the North River.

Arrangement and present strength of the army in Jersey, 20th May, 1777. This shows a total of 8188 under Maj. Generals Greene, Stephen, Sullivan, Lincoln, and Lord Stirling.

Order of battle, 4th and 5th Dec. 1777.

Intended orders for a move that was intended against Philadelphia by way of surprise, 25th Dec. 1777.

Arrangement of the army for the campaign 1778-9, and present state of the battalions this first day of January, 1778.

Project of an enterprise which was in contemplation, but never attempted in the campaign of 1778, when Newport was invested and Gen. Clinton went from New York with a force to relieve it.

Disposition of the army for a march to the North River and their routes, 28th May, 1778. [Note. This march was changed by the enemy's march through New Jersey.] Dated, Valley Forge, 28th May, 1778.

Order of cantonment, 1779.

Loose thoughts upon an attack on New York.

Formation of the Continental army under the immediate command of the commander-in-chief for the campaign, 1780.

Morristown (May, 1780). State of matters as laid before the Committee of Conference at Morristown, May, 1780.

Summary of the opinion of the general officers upon the propriety of attacking New York in the campaign of 1780.

Some thoughts respecting the operations of the campaign, 1781.

Matters submitted to the consideration of his Excellency Gen. Washington by Count de Rochambeau and the Chevalier de Ternay, Hartford, Sept. 22, 1780.

Substance of a conference between the Count de Rochambeau, the Chevalier de Ternay, and Gen. Washington, at Hartford, Sept. 22, 1780.

Result of a conference between Gen. Washington and Count de Rochambeau, at Weathersfield, May 22, 1781.

[One column has R's proposition, and another the observations of W.]

3. Letters from John Bartram to Jared Eliot, 1752, 1757, 1762 [pp. 185 etc.].

4. The following copies are from the originals contained among Dr. Franklin's papers. [pp. 205–251]: —

Thomas Hartley, Crown Point, July 8, 1776, to Pennsylvania delegates in Congress.

Antony Wayne, Ticonderoga, July 31, 1776, to Franklin.

Chas. Carroll, Anne Arundell County, Aug. 12, 1777, to Franklin.

Thomas Paine, Mar. 4, 1779, to Franklin. ["This is an unfair letter. Paine acted an improper part, and was dismissed by Congress from his office of Secretary to the Committee of Foreign

Affairs because he used his situation to publish the substance of secret despatches, disrespectful to the French government and suited to create discord." J. S.]

W. Brigham, July 20, 1779, to Franklin.

A. Gillon, Dec. 1, 1779, to Leray de Chaumont.

Chas. Carroll, Dec. 5, 1779, to Franklin.

Arthur Lee, June 13, 1780, to Paul Jones.

Paul Jones, June 20, 1780, to Capt. Matthew Parke; June 21, to Franklin.

John Laurens, Apr. 28, 1781, to John Adams.

Silas Deane, Mar. 30, 1782, to Franklin.

5. "Account of the trade of the British American Colonies, extracted from the ..... tion of the lords commissioners for trade and plantations, Jan. 23, 1733/4." At the close is "The End, 29 Nov. 1759." (pp. 253–259.)

6. From the original in the possession of Mr. J. F. Fisher. 4 Aug. 1748.. Copy. "Orders and instructions in pursuance of several laws relating to Trade and Navigation, to Thomas Penn and Richard Penn, proprietarys and governors of Pennsylvania, and additional instructions given by the said proprietarys to Lieut. Gov. James Hamilton, 9 Aug. 1748."

7. R. Jackson, Mar. 15, 1754, about paper money. Mr. Jackson's scheme of a bank (p. 306).

8. Thomas Paine, Yorktown, May 16, 1778, to Franklin.

9. Mecklenburg Declaration. A copy of the *original* as printed in the *Southern Lit. Messenger*, June, 1839 (p. 333).

10. Note from original letters of Benedict Arnold, belonging to Chas. Davies of Portland, 1768–1773, respecting his trading visit to Quebec.

11. Thomas Chittenden, Nov. 14, 1781, to Washington, on the condition of Vermont.

12. The following papers (pp. 348–395) are copies from originals furnished to me by Mr. Henry Stevens, being papers which he had procured in different parts of Connecticut, Apr. 1844:—

Gov. Fitch, to Earl of Halifax, Nov. 13, 1764.

To the lords of Trade, Nov. 14, 1764.

Connecticut member of the Congress of 1765 to Gov. Fitch, Oct. 14, 1765.

Council of Safety at Bennington to Gen. O. Walcott, Sept. 22, 1777.

Eliphalet Dyer to Wm. Williams, Yorktown, Feb. 17, 1778.

Nathaniel Shaw, New London, Apr. 25, 1775, to Gov. Trumbull, about powder sent to Col. Jed. Huntington, near Boston.

Anonymous letter to Trumbull, Feb. 8, 1776, about powder arrived from Martinique.

To the Governor and Council, New London, Sept. 8, 1775. Steps to procure powder.

Minutes of Gov. and Council, Aug. 2. 1776, authorizing the purchase and fitting out of the armed sloop New Providence.

David Sprout, Com. Gen. for naval prisoners, N. Y., Apr. 19, 1782, to Thomas Shaw, about prisoners.

David Wooster, Montreal, Jan. 6, 1776, to Col. Seth Warner "on the unfortunate attack on Quebec."

Peter Colt, Camp in Harlem, July 27, 1775, to Roger Sherman, on the sources and sufferings of Connecticut.

Gov. Trumbull's proclamation, Jan. 18, 1776, on measures for the army in Canada.

Roger Shermam to William Williams, Hartford, Aug. 18, 1777, on the northern campaign.

Thomas Shaw and others, Apr. 22, 1782, to Col. McClellan, expressing fear of the safety of military posts in Conn. during the coming summer.

13. Extracts from the proceedings of a court martial for the trial of Col. Hazen, convened at West Point, Nov. 7, 1780. The following extracts are taken from Col. Hazen's defence (p. 396).

14. Extracts from a journal kept by Christopher Vail during the War of the Revolution. Vail is now living (1844) in Norwich, Connecticut (p. 414). Respecting movements about Long Island Sound, etc.

LVIII.

I. "Selections from the military correspondence during the American Revolution, copied from the original papers in the State Paper Office. London, Jan., Feb., Mar. 1829."

Dartmouth to Gen. Haldimand, Oct. 14, 1773, Jan. 8, Feb. 5, Mar. 9, 1774.

Account of Gov. Skene.

Dartmouth to Gen. Howe, Sept. 5, 15, Oct. 22, Nov. 18, 1775.

Lord Geo. Germain to Gen. Clinton, Dec. 6, 1775; Mar. 8, Aug. 24, 1776; May 4, June 12, Aug. 15, Sept. 2, Dec. 3, 1778; Jan. 23, Mar. 8, May 5, Aug. 5; Nov. 4, 1779 (on Clinton's wish to resign and on the loss of Stoney Point); Dec. 3, 1781; Feb. 6, 1782.

Gage to Dartmouth, Boston, Nov. 2, Oct. 30, Dec. 15, 1774; Jan. 18, Jan. 27, Feb. 17, Mar. 28, 1775. Dartmouth to Gage, Jan. 27, Feb. 22, Apr. 15, 1775.

Capt. Derby and the news of Lexington carried to England (p. 37).

Gage and Dunmore correspond, 1775 (p. 38).

Gage to Dartmouth, May 17, on Ticonderoga; May 25, June 12, 25, 1775. Dartmouth to Gage, July 1, Aug. 2, 1775.

Germain to Cornwallis, Dec. 6, 1775; June 4, 1781; to Gen. Howe, Jan. 5, 1776; Dec. 11, 1777.

Permission to exchange Gen. Lee, 1777.

Germain to Clinton, Dec. 4, 1779; May 3, Aug. 3, Nov. 9, 1780; Feb. 7, Mar. 7; June 4, 6, Aug. 4, Sept. 25, Dec. 3, 1781; to Col. Campbell, Apr. 4, 1780; to Gen. Phillips, Dec. 7, 1780.

Lieut.-Col. Smith to Gage, Apr. 22, on Lexington; Lord Percy, Apr. 20, on same; Gage's "Circumstantial account."

Intercepted letter of John Adams to his wife, Phil. July 24, 1775. (Intercepted in crossing the ferry at Newport.)

Gage to Dartmouth, Aug. 20, 1775. Gen. Howe to Dartmouth, Oct. 9, Dec. 3, 19, 1775.

Carleton to Gage, Montreal, Sept. 16, 1775.

Washington's instructions to Captain of armed brig "Washington," Oct. 8, 1775, which were captured and sent to Dartmouth.

Gov. Tryon to Gen. Howe, Dec. 13, 1775, and Howe's answer, Jan. 11, 1776 (p. 52).

Howe to Dartmouth, Jan. 22, 1776.

Howe's army, evacuating Boston, consisted of 8906 men, and they sailed in 78 vessels. They took 924 tories, whose names were returned, and about 200 who did not return their names.

Proceedings of loyalists in North Carolina, Mar. 1776, after Clinton's arrival at Cape Fear River (p. 54).

Gov. Martin to Gov. Clinton, Mar. 20, 1776.

Gov. Brown at New Providence, Mar. 4, 1776.

Gen. Howe to Germain, Halifax, June 7, 1776; Staten Island, Aug. 6; New York, Sept. 25, Nov. 30.

Return of prisoners taken on Long Island, 1097 in all; of British loss, killed, wounded, and missing, 374.

Hints for the operation of the next campaign (p. 63).

Letter from John Adams to R. H. Lee, Philad. Nov. 15, 1775, received by Germain from a merchant in Virginia through a friend in Glasgow.

Clinton to Germain, Cape Fear River, May 3, 1776; Long Island, S. C., July 8, 1776; to Howe, Newport, Dec. 9, 1776.

Howe to Germain, Dec. 20, 1776; reports loss at Princeton, killed, wounded, and missing, 276; Apr. 2, 1777.

Tryon's expedition to Danbury, Sept. 27 and 28, 1777; loss — killed, 24; wounded, 113; missing, 28.

Howe to Germain, June 3, 1777, on the distribution of the army; Aug. 30; Jan. 16, 1778.

Gen. Smith to Gen. Howe, July 12, 1777, on the capture of Gen. Prescott.

Foreign troops in North America, June 24, 1777; Hessians, 12,777; Anspach, 1293; Waldeck, 679; total, 14,749.

Germain to Clinton, Mar. 8, 778; instructions to Gen. Clinton, Mar. 21, 1778, to evacuate Philadelphia and to send forces to the West Indies.

State of the army, Mar. 26, 1778; 33,756 men in Philad., N. Y., and R. Island.

Howe to Germain, Apr. 19, 1778; Clinton to Germain, May 23, Oct. 8, 25, 1778; Apr. 4, May 5, 1779.

State of the army, Aug. 15, 1778: — 34,064 men; Nov. 1, 22,554 men; Feb. 18, 1779, being 22,462 men, and 7821 in Nova Scotia, Georgia, Bermuda, and Providence Island.

Germain to Clinton, Jan. 31, June 25, Sept. 27, 1779.

State of the army, May 1, 1778 — 22,814 men, with 10,644 in Georgia and in other colonies not in revolt.

Affair at Stoney Point, 16 July; killed, wounded, missing, and prisoners, 624.

Instructions to Gen. Tryon, July 2.

Feb. 3, 1779, Maj. Gardner's skirmish in Port Royal Island.

Georgia, — Gen. Prevost to Clinton, Feb. 14, May 21, June 11, Sept. 9, 1779.

Clinton to Germain, July 28, Aug. 21, Sept. 22, 30, Nov. 10, 1779.

State of forces, Dec. 1, 1779, in N.Y. and dependent posts: British, 13,848; German, 10,836; Provincial, 4072, — total, 28,756. Halifax and Penobscot, 3460; Georgia, 3930; West Florida, 1787; Bermuda and Providence, 636, — making with the others a total of 38,569, of whom 34,522 are rank and file.

South Carolina, Feb. 11—May 12, 1780; British killed, wounded and missing, 265.

Returns of the army under Gen. Clinton, May 1, 1780. Total effectives, 38,021.

Prisoners taken at Charleston, 5681 in all.

Clinton to Germain, July 4, Aug. 14, 1780.

State of the army, Aug. 1, 1780: fit for duty, 22,849; effectives, 33,020.

Clinton to Washington, Oct. 4, 1780, setting forth his reasons against André being considered a spy. Never sent because the news of the execution arrived immediately after it was written. A letter from Capt. Southerland to Clinton, dated on board the "Vulture," Oct. 5, and intended to be inclosed in Clinton's letter to Washington.

Clinton to Germain, Nov. 10, Dec. 16, 1780.

State of the army, Dec. 1, 1780: effectives, 33,766. State of provincial forces in North America: effectives, 8954.

Arnold's expedition to Virginia.

Intercepted letter of Cornwallis and Rawdon; and Washington's complaints of the cruelties against Southern people countenanced in them.

Comparative force of Admiral Arbuthnot's and Admiral d'Estouches's squadrons.

Gen. Phillip's expedition to Virginia. Clinton to Phillips, Apr. 11, 1781.

State of the army, May 1, 1781, — total, 33,370.

Rawdon to Cornwallis, Camden, Apr. 26, 1781.

Loss at Hobkirk's Hill, total, 258.

Clinton to Cornwallis, June 11, 1781.

State of troops in Virginia under Cornwallis, Aug. 15, 1781, — in all 9433.

Affair of Fort Griswold and New London, Sept. 6, 1781, — total loss 201.

State of the army under command of Gen. Clinton, Sept. 1, 1781: New York, 16,701; Virginia, 8885; South Carolina, 9775; Georgia, 1084; others make the total, 42,065.

Losses in Cornwallis' army, Sept. 28 to Oct. 19, — 553 in all.

State of the army in Virginia, Oct. 18, 1781: Yorktown, 5565; Gloucester, 1066; total, 6631.

Effective force, rank and file, on the morning of the action of Eutaw, Sept. 8, 1781, under Col. Alex. Steward, 2772 men. Whole number engaged, 1396. Loss total, 692.

Germain to Clinton, Jan. 2, 1782.

Capt. Huddy's case (pp. 138–145).

Carleton's instructions, Apr. 4, 1782, on proceeding to America.

State of the army, June 1, 1782: In N. Y., 17,229; late garrison at York and Gloucester, 8806, etc.

Townshend to Carleton, July 18, 1782.

II. Extracts from Correspondence in American affairs, 1774–1781. Copied in the Journal office of the House of Commons, London, Jan. 1829. From Papers presented at different times to Parliament by Lord North, during the Americna Revolution.

Dartmouth to Gage, June 3, 1774. Gage to Dartmouth (Salem), July 5, 20, Aug. 27, Sept. 2 (Boston), 25, Oct. 30, Nov. 2, 1774.

Gov. Wentworth to Dartmouth, July 13, Aug. 29, Dec. 2, 1774.

Letters to Dartmouth from Lt. Gov. Colden, June 1, July 6, Aug. 2, Sept. 7, Oct. 5, Nov. 2, Dec. 7, 1774; from Gov. Franklin, May 31, 1774; from Dep. Gov. Penn, July 5, Sept. 5; from Lt. Gov. Bull (S. C.), July 31, 1774; from Gov. Wright (Georgia), July 25, Aug. 24, 1774; from Dunmore (Va.), Dec. 24, 1774.

Wentworth to Gage, Dec. 14, 1774; Capt. Cochran to Gov. Wentworth, Dec. 14, 1774, on the capture of Castle William and Mary.

Dep. Gov. Eden (Md.), Dec. 30, 1774.

Letters received by Dartmouth from Gen. Gage, Jan. 18, 1775; from Wentworth, Dec. 28, 1774; from Gov. Martin (N. C.), Sept. 1, 1774; from Gov. Wright (Georgia), Dec. 13, 1774; from Colden, Feb. 1, 1775; from Gov. Franklin (N. J.), Feb. 1, 1775.

Lt. Col. Breyman's account of an affair which happened near Walloon Creek, Aug. 16, 1777. [This was the officer sent to aid Baum at Bennington.] p. 184.

Dartmouth to Gage, Aug. 2, 1775; to Howe, Sept, 5, 22, 1775.

Gage to Dartmouth, Oct. 1, 1775.

Howe to Dartmouth, Oct. 9, Nov. 26, 27, Dec. 19, 1775; Jan. 16, 1776.

Germain to Howe, Mar. 28, Oct. 18, 1776; Jan. 14, Mar. 3, 1777.

Howe to Dartmouth, Nantasket Roads, Mar. 21, 1776; to Germain (Halifax), Apr. 25, May 7; (Staten Island, etc.) July 7, Aug. 6, Sept. 25, 1776; Jan. 20, Apr. 2, 24, July 7, 16, Aug. 30, Nov. 30, (Philad.), 1777; Mar. 5, 24, 1778; to Carleton, Apr. 5, 1777.

Germain to Howe, Feb. 18, 1778; to Commissioners for restoring peace, Jan. 14, 1777.

Commissioners to Germain, Mar. 25, 1777.

Burgoyne to Germain, Albany, Oct. 20, 1777.

Howe to Germain, Jan. 17, 1778.

Burgoyne to Gen. Pigott, about the impeding by Congress of the embarking of the Convention troops. Clinton to Henry Laurens, Prest. of Congress, Sept. 19, 1778, on the Convention troops detained in N. E., and answer of Congress "that they make no answer to insolent letters."

Germain to Clinton, Mar. 3, about the exchanging of prisoners by Congress, Apr. 1, May 5, 1779.

Clinton to Germain, Apr. 18, May 11, 1779.

Instructions to Col. West and Capt. André as commissioners for exchanging prisoners, and their letter, Apr. 14, 1779. Col. Hyde and Capt. André to Clinton, Apr. 16, 17, 1779.

Germain to Clinton, June 25, Nov. 9, 1779.

Gen. Phillips to Germain, Mar. 25, Sept. 27, 1779; Jan. 24, Feb. 20, 1781.

*** This volume has a chronological index.

LIX.

"Selections from Papers in the public offices of Rhode Island and Georgia."

1. "Selections from the Papers in the Office of the Secretary of State in Rhode Island. Selected, Sept. 1826."

Letters of 1776: Gov. Cooke to Washington, Jan. 21, 25, Sept. 6; to Gen. Lee, Jan. 21. Jona. Trumbull, Jan. 25.

Letters of 1777: Washington to Cooke, Apr. 3, Aug. 4; to Gen. Putnam, Aug. 1, 22; to ——, Dec. 29. Gen. Silliman, Apr. 29. Gen. Greene, July 29; to Cooke, Mar. 6. Washington, Jan. 20, Mar. 14; to Cooke, Jan. 24, 31, Feb. 6, 10. Greene to Cooke, Jan. 10, 23, 28. B. Arnold to House of Representatives of R. I., Feb. 6. John Hancock to R. I. Assembly, Feb. 20. Washington to Cooke, Feb. 2, Mar. 1, 8. Jona. Trumbull, Aug. 11. Robt. Morris to Cooke, Jan. 9.

Letters of 1776: Stephen Hopkins to Cooke, May 15. William Ellery, Oct. 26. Washington, Harlem Heights, Sept. 17, 29, Oct. 12, Oct. 17; to Cooke, Cambridge, Jan. 6, 16; Trenton Falls, Dec. 21. Greene, Harlem, Sept. 17, Oct. 11; N. Y., Oct. 16; Trenton, Dec. 4, 21. Jona. Trumbull, Oct. 23, Dec. 4, 5. B. Arnold, Schuyler's Island, Oct. 12. Wm. Ellery, Jan. 4, Sept. 7, Oct. 11, Dec. 10, 25, 31. Chas. Lee to Trumbull, Nov. 27; to James Bowdoin, Nov. 30; to Cooke, Dec. 7. Schuyler to Cooke, May 23, Dec. 3. Benj. Lincoln to Cooke, Dec. 22. Malmedy, Dec. 31. Esek Hopkins, Mar. 8. Joshua Babcock to Cooke, Sept. 21.

Letters of 1779–80: William Ellery to Cooke, May 25, Nov. 30, Dec. 21, 1779. Washington to Gov. Greene, May 11, Nov., Dec. 25, 1779; Feb. 20, Mar. 28, June 10, 29, Aug. 3, 28, Oct. 18, Nov. 10, 17, Dec. 10, 1780. Steuben, Sept. 4, 1779. Horatio Gates to Gov. Greene, Aug. 10, 1779. Gen. Sullivan to Gov. Greene, Jan. 5, 16, 1779. Gen. Heath, Providence, July 3, 1780. Gen. Greene to Gov. Greene, Oct. 2, 1780, giving a history of the Arnold treason. "His robbery and plunder of the store at West Point exceeds all belief" (pp. 257–261). Gen. Heath to Gov. Greene, Nov. 15, 1780, duplicate of a letter intercepted by the enemy, dated Oct. 7, 1780, and signed also by the other N. E. general officers, respecting the payment of officers.

Letters of 1781: Washington to Gov. Greene, Jan. 2, 5, 22, 29, Mar. 12, Apr. 17, May 10, June 2, July 1, 11, Aug. 7, 22. Gen. Heath, Greenwich, May 18; Roxbury, June 21. Washington to Gen. Heath, New Windsor, June 8, 13. E. Cornell to Gov. Greene, Jan. 7. Rochambeau, Mar. 14. Heath to Washington, "on behalf of officers in cantonment of Hudson River."

Letters of various dates: Washington to Congress, June, 1783; to Gov. Greene, Apr. 14, 1783; to Gen. Heath, June 6, 1783; to Gov. Greene, Jan. 31, Apr. 27, July 10, Aug. 10, Dec. 13, 1782.

R. R. Livingston to Gov. Greene, Feb. 19, 1782.

Letters of 1778: Gen. Sullivan to Gov. Greene, Aug. 2, 12, 13, 16, 18, 19. Jabez Bowen to Gov. Greene, Aug. 22. Washington to Gov. Trumbull, July 14, transmitted July 18 to Gov. Greene; to Gov. Greene, July 18. Gen. Greene, Valley Forge, Feb. 5, to Nicholas Cooke. Gen. Sullivan, Providence, June 30, to Gov. Greene. Meshech Weare, June 26, to Gen. Sullivan. Gov. Trumbull, Apr. 24, to Gov. Cooke; May 19, to Gov. Greene. William Ellery, Yorktown, Pa., Mar. 1, May 18. Gov. Trumbull, Apr. 23, to Tryon; and Tryon's letter of Apr. 17. R. I. Council of War, Jan. 15. Letters of Gov. Cooke and Gen. Sullivan, Feb. and Mar. Gov. Greene, Aug. 17, 28, to Gen. Sullivan.

Letters of 1774: Committee of Correspondence of Boston, May, to the government of R. I.; Samuel Adams, Boston, May 18, to the Com. of Corresp. of Newport; Peyton Randolph and others; Williamsburg, Va., May 28, to the Com. of Corresp. of R. I.

2. "Selection from the Papers in the Office of the Secretary of State in Georgia. Selected, May, 1826."

Records of meetings of Council at Savannah, July 7. Aug. 15, 1775.

Records of the Council of Safety, Jan. 19, Mar. 8 (and letter of Wm. Henry Drayton, Prest. of Congress); March 11, 1776.

Records of the Council, Aug. 20, 1776; Feb. 22, Apr. 19, 1777; Apr. 16, Sept. 11, 1778; its letter to Gen. Lincoln, Aug. 18, 1779; meeting of Aug. 18, 1779; communication to the Gov. and Council of S. Carolina; meeting of Feb. 3, 1780.

Letters: Gen. Greene to Gov. Brownson, Aug. 28, Dec. 27, 1781; Jan. 7, 9, 1782; to Gov. Rutledge, Jan. 21, Dec. 9, 1782; to Gov. Martin, Mar. 26, June 8, Sept. 18, Oct. 8, 1782; to Gov. Hall, June 26, 1783; to Gov. Houston, Sept. 12, 1784.

Edw. Telfair and W. Jones, Philadelphia, Dec. 3, 1781, to John Jones, Speaker.

Washington, Dec. 19, 1781, to Gov. Brownson.

Gov. Rutledge to Gov. Brownson, Sept. 15, 1781.

Robt. Morris to the Gov. of Georgia, Oct. 17, 1782.

Gen. Wayne to Gov. Morton, Jan. 14, 17, 24, Feb. 1, 13, Mar. 9, April 7, May 14, 19, 26, June 1, 7, 30, July 2, 25, Aug. 9, Oct. 21, 1782; to James Habersham, Speaker, Aug. 3, 1782.

*** The papers in this volume are much disarranged; but there is a chronological index.

LX.

"Selections from General Schuyler's Papers, and from originals in the Office of the Secretary of State in Massachusetts." In quarto. "Selected to p. 165 from General Schuyler's Papers."

1. The Schuyler Papers begin July 19, 1775, and include letters from W. Duer, John Sullivan, Samuel Chase, Richard Montgomery, Silas Deane, Ethan Allen, David Wooster, Benedict Arnold, Col. Timothy Bedel, Seth Warner, Thomas Lynch, Chas. Lee, Lord Stirling, Benj. Franklin, Wm. Thompson, Gen. Gates, Lt. Col. Antill, Charles Carroll, Col. M. Hayes, Jas. Duane, Col. Richard Varick, Benj. Lincoln, Gouverneur Morris, R. R. Livingston, Gen. S. H. Parsons, Gen. Nath'l Greene.

Also letters to Wooster from Arnold and Col. Donald Campbell, after the failure at Quebec, Dec. 31, 1775.

The letters cover the Canada campaign of 1775–76, and the campaign against Burgoyne in 1777. The last letter is March 28, 1781, but there are few after 1777. They are not all copied entire.

2. From the Gansevoort Papers. The earliest is from Schuyler to Col. Gansevoort, dated Albany, June 30, 1777 (beginning on p. 167), followed by others from Nicholas Herchkeimer, Barry St. Leger, B. Arnold (dated German Flats, Aug. 22, 1777, and endorsed by Sparks, "Evidently intended to be intercepted"), and Lafayette.

Also letters from Gansevoort to Washington and Sullivan.

These letters cover the movements about Fort Stanwix in 1777, and Sullivan's Campaign in 1779.

3. "From originals in the Mass. State Dept.," beginning p. 183. The earliest papers are records of a provincial convention at Exeter (N. H.), Apr. 26, 1775. Among the other more important papers are a letter from the Committee of Correspondence in Falmouth, May 14; letter from John Brown, dated Montreal, Mar. 29, 1775; B. Arnold, Ticonderoga, May 11, 14; Edward Mott, May 11, on the capture of Ticonderoga; Arnold, Crown Point, May 19, 23, 26, 29, June 24; Gov. Trumbull, May 25, 29, June 1; J. Trumbull, jr., May 29; address from Ethan Allen and James Easton to the people of Canada, Ticonderoga, June 1; Ethan Allen, Crown Point, June 9; Jos. Hawley, June 4; James Easton, Crown Point, June 6.

Address to the Eastern tribe or tribes of Indians, May 15, 1775, and other papers relating to the enlisting of the indians on the side of the patriots.

John Adams, Philadelphia, Nov. 24.

There is only one paper later than 1775, and that is a letter of Artemas Ward, Boston, Apr. 16, 1776, describing the condition of the army which had been left under his command.

Extracts from the Correspondence and records of the Provincial Congress of Mass., and of the neighboring colonies, and communications from the Continental Congress.

Mr. Sparks adds at the end of a letter from the Committee of Mass. at Crown Point, June 23, 1775: "By the Journal of the Mass. Assembly it appears that Arnold on his way to Ticonderoga had engaged a company of men in Stockbridge, who marched on the 10th of May under Capt. Abraham Brown, but how far they marched is uncertain."

4. "From an orderly book kept by Col. Ruggles Woodbridge of South Hadley, Mass." (p. 37). Begins at Ticonderoga, Aug. 25, 1776, and ends Oct. 27, 1776.

5. "Papers copied from the manuscripts of Peter Van Schaack relating to the Loyalists during the Revolution, written in London." Begins with "Remarks on the state of American affairs, 12 June, 1782." Then comes "Observations on the peace and its effects upon Loyalists, 2 Mar. 1783." "Address to the lords on behalf of the Loyalists." "Memorial to Parliament in favor of Loyalists."

6. "Major William Croghan's Journal." Begins at Charlestown, S. C., Feb. 9, 1780, and ends May 4.

LXI.

"Correspondence of Lord Stormont, British Ambassador in France. Copied from the originals in the State Paper Office, London, 1857." In two volumes.

*** The copies seem to have been made by Henry Tuke Parker.

Vol. I. 1776–1777. Letters of Lord Weymouth to Stormont, beginning Jan. 5, 1776.

Andrew Frazer to Lord Weymouth, from Dunkirk, beginning Jan. 2, 1776.

Lord Stormont to Weymouth, beginning Jan. 10, 1776.

Weymouth to Mr. St. Paul, beginning Apr. 12, 1776. Mr. St. Paul to Weymouth, beginning Apr. 10, 1776.

Theodore Cannon to Lieut. Gov. Irving, Pain-beuf-sur-Loire, Apr. 25, 1776.

Lord Weymouth to Stormont, Aug. 16, 1776, relating to Silas Deane and his doings; the agency of Beaumarchais. Later letters are occupied with the same topics. Stormont to Weymouth, Aug. 14, 1776, about Americans in London, Dr. Williamson and others.

The letters of this period cover an interchange of observations regarding the presence and operations of Americans in Europe, and the shipment of arms to America. Some of these letters are marked "secret"; others "most secret," "most confidential."

Some of the letters relate to the engaging of French officers to go to America; and the relations of the French Court to such.

The lords Commissioners of the Admiralty, Oct. 3, 1776, to Weymouth, respecting the danger from American cruisers in the West India seas, and their operations there. This matter is the subject of later letters.

The matters touched in subsequent letters may be thus chronologically arranged: —

Oct. 1776: American vessels at Bordeaux. Deane watched. The House of Benson at Bordeaux. The cautiousness of Maurepas and Vergennes. Du Coudray. Powder from Dunkirk taken to Martinico. Affidavit of James Stokes about American armed vessels in the West Indies; and others laden with powder for the Colonies (signed Aug. 7, 1776).

Nov. 1776: Reports of Du Coudray taking powder to America. Beaumarchais. Stormont's interview with Vergennes, about the French West Indies supplying the rebels. Deane in Paris, giving out that he has engaged 400 French officers. Attempts of Stormont to raise in Vergennes a suspicion of Deane. The Mediteranean trade of the Americans to be carried on in French bottoms. Beaumarchais corresponding with Wilkes. War with England talked of in Paris. Report of a treaty between Vergennes and Deane. Spain likely to take an open stand for the rebels. The Duke of Chartres has come to believe war will not occur. Beaumarchais' movements stopped.

Dec. 1776: Deane attempting to explain away British successes in America. France watching British movements, and learns from M. de Noailles' despatches that formidable preparations are making in England. Franklin's arrival at Nantes; "a subtle, artful man, void of all truth," and "a dangerous engine." Vergennes declared that no French officer went to America with his approbation, and had his spies out to observe any such intending to go. Suspicion that Franklin is charged with a secret important mission. Deane "bribes high for French officers." Du Coudray with his train goes to Boston, via Saint Domingo. De Kalb was secretly sent to America in 1770 [1768] to sow dissension. Franklin at Versailles. "Too much reason to fear Franklin will draw France into the snare" and "she will change these secret successes into open assistance." Weymouth thinks Franklin may have left America, thinking her prostration was near. Vergennes' views of Franklin. Stormont demands of Vergennes the surrender of English vessels brought into Nantes by American privateers. Complains of ammunition being given to American vessels in the French West Indies. Chances of letters of marque being given by England. French officers going to America. Account of a long interview between Stormont and Vergennes. Franklin at Nantes. Du Coudray sails from Havre, on the expedition prepared by Beaumarchais. Other ships with munitions for the rebels are loading at Marseilles, Bordeaux, and Nantes. Raising of troops for the rebels in France and Germany. News of the successes of Howe over Washington. Franklin reaches Paris. His first callers are "low people." He is refused an audience with the King. Beaumarchais offends the French ministry by his indiscretion. Powder sent from Dunkirk to the West Indies. Stormont is satisfied with the success in circulating the reports about Franklin being a fugitive; and is much exercised whether Franklin has or has not seen Vergennes. [This was Dec. 25; Franklin's first interview was Dec. 28.] "Franklin and Beaumarchais, though much together, are very suspicious and distrustful of one another." "I am persuaded that, taking in all the circumstances, Franklin is a less dangerous instrument than Deane." The proposals Franklin is instructed to make to the French Court. American ships at Nantes.

Jan. 1777: Account of Franklin's supposed interview at Versailles, with his propositions. The King's reply is that he will observe strict neutrality. The Choiseul party "take Franklin by the hand." American privateers refused ammunition at Blaye (near Bordeaux). The impression made by Franklin's arrival is wearing away fast. Franklin and Deane in treaty with the Farmers General. Carmichael rebuffed in approaching the Swedish minister at the Hague. Franklin watched by Stormont, who says to all that Franklin is only a fugitive rebel. "The effect of his fur-cap seems to be worn out." Beaumarchais comes out of Maurepas' with "tears in his eyes." The Choiseul party say that France has disgraced herself by being willing to wound, but not to strike. Beaumarchais directing larger exports of ammunition and supplies from St. Domingo. Maurepas conniving at the sailing of vessels with supplies. Franklin has interviews with Gérard. Count d'Aranda's partiality to the rebels' cause.

Feb. 1777: Communications of Count Broglio with the American colonies. Maurepas reasons that to give the Americans independence would be to risk the retention by France of her West India islands. Choiseul has secret interviews with Franklin and Deane. Maurepas will help England if England restores Canada to France. The rebels drawing arms, etc. from Holland. A vessel to sail from Nantes with munitions for the rebels. Lee signs an agreement with the Farmers General, by which they take tobacco to the amount of nineteen million livres. Pennet and Rumley, American agents, fitting out vessels at Nantes. Franklin and Deane receive remittances from England. The American privateer "Reprisal" takes the Falmouth Packet and four merchantmen; and all arriving at L'Orient, they were ordered to depart. Vergennes says he has only seen Franklin once. Encloses letters of Franklin and Deane to Stormont, Feb. 23, 1777, respecting 100 British seamen in Capt. Wilkes' custody, and making a proposal for exchange.

Mar. 1777: The "Reprisal" and her prizes had not been warned off, as Hunter at L'Orient reports; and the vessel is in fact careening there. Remonstrance with Vergennes on that account, who said that further examination of the "Reprisal" showed the necessity of allowing her to be careened. Necessity of restitution of the prizes taken urged. Mémoire (March 18, 1777) presented to Vergennes on the subject. Vessel to sail from

Brest with stores for the rebels. American vessels bring expresses to Franklin, and he is "propagating the falsest stories of the disaster of the Hessians." The military men here in Paris "de la vielle cour" think we conduct the war too leniently." Vergennes holds the dictatorship of Washington for six months to be a dangerous measure "dans une république naissante." Vergennes thinks the British minister is deceived by false information. The British minister thinks Vergennes knows more than he acknowledges. De Kalb is to embark for America. Wyckes conferring with Franklin. The principal nests of the rebels are the Hôtel de Hombourg and the St. Esprit adjoining the other. Two peculiar ships building in Holland for the Americans. "That infamous incendiary, Deane, is more countenanced since the accusation of John the Painter, and is very frequent in his visits to Versailles." Carmichael, sometime ago in Holland, is now confidential secretary to Franklin and Deane, and sees the *Commis* of Vergennes whenever he pleases. Interviews of Franklin and Count d'Aranda. Lee at Madrid. A wild enthusiasm for the rebels in Paris: Maurepas finds it politic to preserve peace, but winks at all help given the rebels. Stormont hopes he left, like Queen Elizabeth's ambassador, all his passions at Dover, though he is sorely tried. Lafayette, a passionate enthusiast in the rebel cause, is to embark for America. Lee is well received at Madrid.

April, 1777: Lafayette and nine officers have embarked on a French vessel at Bordeaux. Vergennes calls the movement on the part of Lafayette "unaccountable folly." Lafayette's relatives are displeased. Deane, notwithstanding the odious crimes with which he is charged, is suffered to go to Versailles. The letters which Franklin gets from England, especially from Dr. Barncroft, are directed to M. Rechaumont. The rebels seem anxious to get some offer from us, to help them in their negotiations with France. Lee at Bilboa. Lafayette's banker to answer Deane's drafts to half a million of livres. Lee returns to Paris. The American ship "Lexington" arrives at Bordeaux with despatches to Franklin. Lafayette freighted a ship with cloth for the rebels. Fourteen officers went with Lafayette. M. de Broglio secretly connived at the movement. Lafayette overtaken and will return to France. Interview of Stormont with a friend of Vergennes, relative to respective measures of France and England, that seemed like preparing for war; and with Maurepas, who denied that any treaty with the rebels was in progress. Lee on bad terms with Franklin and Deane. Count Broglio corresponds with the rebel agents. Americans here sympathising with our cause say that vigorous action this next campaign will subdue the rebellion. French vessels fitting out to help the rebels. American captains to command them. Attack on Glasgow intended. Vergennes' fair promises. Lafayette confined. An anonymous offer to disclose an enterprise of the rebels for 1500 guineas, being a treaty of the rebels with a general officer of France, by which an expedition is to go to New Orleans. Copy of the proposed offer in French. Stormont authorized to use his discretion. The French ministry wink at the enterprise. Franklin and Deane sanction it. Rumor of Lafayette's escape.

May, 1777: Lafayette known to have re-embarked. Franklin has engaged sixteen more French officers. Interview of Stormont with Vergennes and Maurepas about the American Conyngham bringing prizes into Dunkirk, with Frazer's letters, Dunkirk, May 6, 1777, informing Stormont of the facts. Weymouth directs Stormont to decline the purchase of the secret offered for 1500 guineas. Stormont complains to Vergennes of the fitting out of French vessels to carry supplies to the rebels still going on. The "Amphitrite" has reached New England, without making any show of touching at the French islands. Vergennes considered the New Orleans expedition a wild chimera. The "Polly," of Philadelphia, Capt. Wm. Parkinson, arrived at Bordeaux, having taken the ship "Falmouth" of Glasgow on the voyage, which she sent to Boston. Capt. Johnson in the "Lexington" has joined Wickes off Nantes. Franklin displeased at Stormont's remonstrance against Conyngham being favored at Dunkirk. Franklin going to Spain. The rebels assured by the French ministry that they will not allow England to conquer them. Conyngham and his mate Beach imprisoned in Dunkirk. Andrew Frazer describes an interview with Conyngham. Stormont's interview with Vergennes about Dunkirk matters; and his complaint of French vessels sailing really for America, but under false "lettres de mer." A flotilla of American privateers off Bordeaux, including the "Lexington" and "Reprisal," which last ship had remained at L'Orient just as long as she wished in order to refit. Ships fitting out at Marseilles or Toulon to carry stores to the rebels. They will carry French colors, clear for the French West Indies, carry double commissions, each vessel having a French captain and one commissioned by Congress. Hynson is to have the direction of the expedition, and will receive his instructions from Deane. Count Falkenstein refuses to see the rebel commissioners, and refused to give a passport to Lee to go to Berlin. Franklin plans an interview with Maurepas at Passy. Interview with Vergennes about matters at Dunkirk.

 May 1777, continued: The ships fitting at Marseilles are to have French

officers on board to take command in case they meet British ships. Beaumarchais is carrying out the fitting of these ships.

June, 1777: American privateers in the West Indies really French vessels. Hopes to put off a French war till the rebels are subdued, say, with this campaign. Hynson telling doubtful stories. Franklin has engaged Pulaski, "one of the King of Poland's assassins," and five or six French officers to go to America and by a vessel bound to Boston. The armament of the cutter at Dunkirk goes on. Stormont remonstrates with Vergennes. Bingham at Martinico, a rebel agent, gives commissions to armed vessels, which pass for French, having a French crew and French papers, if British cruisers overhaul them. Conyngham at Dunkirk set at liberty. Interview with Vergennes on the complicity of the French governors in the West Indies with rebel schemes. American privateers at Bordeaux. A ship equipping for America at Havre de Grâce. Vergennes said to have warned Franklin and Deane to be cautious. Trains of artillery and entrenching tools going from French ports — those from Marseilles to go in a ship commanded by Capt. Lundy, who was lieutenant to M. de Bougainville in his voyage round the world. Conyngham and his crew, being released, are now in the cutter "Greyhound at Dunkirk. Pulaski embarks at Nantes in a Massachusetts armed vessel, Capt. Fink. Hynson at Nantes to take charge of a French ship. The Farmers General have paid one million livres for tobacco. Only English success in America can keep off a French war. The French ministry keep some of their covert assistance to the rebel a secret to their king. A Maryland privateer carried a prize into Cherbourg. Interview of Stormont with Maurepas about the "Greyhound;" and with Vergennes about the proceedings of Beaumarchais, in sending cannon to the rebels. Guns at Marseilles are publicly said to be for the insurgents. Remonstrance at allowing Franklin to engage French officers. Recruits for the rebels obtained in the streets of St. Pierre (Martinico) under the rebel flag. The "Oliver Cromwell" carries three prizes into Martinico.

July, 1777: The "Reprisal," "Lexington," and "Dolphin" supplied with everything they wish in French ports. The French governors of the West Indies suspected to be concerned in the piracies. Arthur Piggott's account of the connivance at Martinico with the privateers, where he saw one Col. Davis, an American officer, born in Boston. The Americans and their prizes go into a bay called Corbet, near St. Pierre. The English in the island watched. The American flag is flying in every street. Bingham, the American agent there, had constant access to Count D'Argout, the French governor More French than American privateers fitted out there. They carry a nominal American captain. Interview of Stormont with Maurepas about the assistance given to American privateers, and a demand for a change of course on the part of the French government, or war must follow. This was an interview professedly of private gentlemen to allow freedom of utterance. A diplomatic interview with Vergennes, for which the other was a preparation. The new governor of Martinico would act more discreetly. The rebels intending to form their privateers in European waters into a squadron, and to cruise upon the English coast. The story of the "Reprisal," Capt. Wickes, rehearsed. Vergennes is told that nothing but immediate steps to remedy existing methods could prevent war. The minister promised to confer with his king, who directed an answer to be made to Stormont, who sends to Weymouth the substance of it, as Vergennes read it to him, and the subsequent conversation between the two, respecting American privateers and their prizes brought into French ports; and Vergennes' counter-complaints of the seizure of French vessels by the English. Stormont endeavors to make Vergennes think that Franklin was really an intriguer against the French ministry. Stormont's subsequent interview with Maurepas. Stormont thinks the general madness of the French in favor of the Americans prevents any French ministry doing as much as they would to preserve peace. Count D'Eyck, the Bavarian minister, and the Abbé Nicolé, the Tuscan minister, are over-civil to Franklin, who in turn has to be submissive and intreat the French Court to be allowed to stay in France. Maurepas professes a desire for peace. Richard declares the "Greyhound" is his property and she is allowed to sail from Dunkirk. Five American captains at Nantes, — Wykes, Nicholson, Hynson, Johnston, and Green. Beaumarchais said to have purchased the old French frigate "Hippopotame." Vergennes refuses to order American ships out of French ports while English cruisers were in sight. An American privateer at Brest, wishing water.

Aug. 1777: Stormont remonstrates with Maurepas and Vergennes for continued inaction as respects the American privateers, etc. Franklin and Deane, through Beaumarchais, endeavor to force a French alliance. Stormont instructed to insist on the "General Mifflin' and other rebel vessels being sent from port. An American prize ordered out of Cherbourg was sold outside the port and returned as a French vessel. The American privateer "Lexington" chased into Morlaix and rapturously received by the French. Stormont's memorial to Vergennes about rebel privateers at Bordeaux, and further interviews. Two American privateers take a Jamaica ship into Painbœuf. Maurepas promises the "Reprisal," "Lexington,"

"Dolphin," and "General Mifflin" shall be forced to sea. Stormont ordered to seek an audience with the French king.

Sept. 1777: France making efforts to stop the fitting out of American vessels in French ports. Interviews of Stormont with Maurepas and Vergennes. French troops sent to the West Indies. Conyngham will be punished if he returns. Beaumarchais believed to be on bad terms with Franklin and Deane. Franklin said to be threatening to leave France. The Court said to have notified Franklin that it was ready for war. Franklin presses the Court for succour; and intends to go to Madrid.

October, 1777: The French ministers communicate with Franklin through M. Chaumont. Deane lives now with Franklin, changing his lodging from Madame Qualen's, who was suspected by Vergennes of being open to Stormont's bribes. M. de Sartines has engaged people to build two large ships for the rebels. American privateers are still succored in French ports.

Nov. 1777: Interviews with Maurepas and Vergennes. A vessel, ostensibly Dutch but really rebel, fitting out at Bordeaux. Spain and France paying money to the Americans. Two American privateers, which took the "Clarendon" and "Hanover Planter," are still in the river at Nantes; and the "Alfred" and "Raleigh" are still at L'Orient, and their Captains are walking about Paris in their uniforms. Maurepas says they had orders to quit their uniforms and leave Paris. The Americans are still countenanced at Martinico. Advices from the West Indies show that Delaplaine is bound to France with messages from Congress; that seven American privateers had sailed from St. Pierre to cruise to the windward of Barbadoes; that the rebel privateer "St. John," Capt. Palmer, 14 guns, had sailed from St. Pierre on a cruise; that another, the "Tiger," 14 guns, etc., was at St. Lucia; that all these vessels had few Americans on board; that three American ships were fitting out at Fort Royal; that American prizes are freely disposed of in two bays neighboring to St. Pierre; that English sailors are confined at St. Vincent as prisoners; that an intercepted letter of John Langdon, Portsmouth, May 26, 1777, to Bingham, the American agent in the French islands, informed him of the arrival at Portsmouth of two French ships with munitions. Fifty thousand stands of arms to be shipped for American ports from Nantes and L'Orient.

Dec. 1777: A large warehouse at Nantes, used by the rebels, contains 80,000 stands of arms, which are gradually shipped to America. The "Pacifique," now at Nantes, will take some. This vessel has "double captains." "Stormont sends to Weymouth (Dec. 6) such particulars as he has got of Burgoyne's catastrophe, including a paper by Franklin embodying the substance of letters from Congress, which left Boston Oct. 31 and reached Nantes Dec. 1. Franklin is circulating bulletins, "which he varies according to the credulity of those for whom they are designed." A billet of Franklin "which savors strongly of his crafty arrogance is given. Franklin has constant communication with England, and causes, it is suspected, the current suggestions that now is the time for England and the Colonies to come to terms. Stormont's interview with Vergennes about privateers in French ports and the countenance of them at Martinico. Spain urging upon France an understanding to join the rebels. Maurepas "still insidious but not openly hostile." Sixty vessels in French ports would sail for America if orders from the Court did not prevent. Franklin urging the French Court to enter into an agreement, and so shut out friendly overtures from Great Britain to the Americans. Franklin denies it, but it is supposed a treaty has been agreed upon; but Vergennes denies it. "Vergennes is always upon his guard." Maurepas also denies it, and retorts that he learns the English will offer to admit the independence of the Americans if they will join England in an attack on France. Stormont denies this; but he made only "a momentary impression." The rebel agents always go to Versailles in the night. Stormont has no shadow of a doubt that the French and Spanish Courts are combining against England; they are increasing their naval strength; the first blow will probably fall in the West Indies; the nation is strongly for war; Girard goes to Passy in the night, and Franklin and Deane make him nightly visits at Versailles. French ships with supplies are to be sent to America under convoy of French men-of-war, probably to New England. A French frigate of 36 guns will sail from Bordeaux with Deane's brother and carry a new cypher with Congress. France and Spain have practically given 8,000,000 livres to the Colonies. Carmichael goes on board the "Lyon" at Nantes. The King of Prussia is endeavoring to form an intimate connection with this Court. The French ministry have surrounded Stormont with spies, to see if he opens negotiations with Franklin and Deane.

Jan. 1778: French officers returned from America say that Washington's army is brave but lawless. D'Estaing is known to have said that war with England would take place before the end of March. There are no intermediaries now as formerly between the French ministry and Franklin, but direct intercourse. Stormont recommends forcing France to a categorical answer upon the question of an American alliance. Twenty-one more French ships are to be put in commission.

Count D'Artois said so. Interview with Vergennes, which did not remove Stormont's suspicions. Stormont thinks Maurepas wishes England to strike first, and is waiting to see what effect her proposals have on Congress.

Feb. 1778: A French naval officer with seven ships will convey from Nantes the following ships: A frigate commanded by Capt. Nicholson; a ship of 18 guns, Capt. Young; the "Brune," a French East Indiaman, bought by American agent, with a Mr. Browne, an American supercargo; two ships laden by Williams the rebel agent; two French ships also laden for Congress; — all these bound to Boston. Also a French ship bound to South Carolina. The "Amphitrite," now called the "Ranger," Capt. Jones, is to join the convoy and accompany it part way, and he is directed to carry any prizes he may later take, to Bilboa or Corunna. The French convoy is to go with the ships about 250 leagues. The treaty of France and America, provisionally signed, is a commercial one for 30 years. Franklin has opened a loan for £2,000,000. The British man-of-war "Hector" takes the French ship "Koulican," carrying arms, as was alleged, to the rebels. France has probably made both a commercial treaty and one of alliance with the rebels, supposed to have been signed on the 6th inst. The French naval officer, M. de la Motte Piquet, will convoy eighteen or twenty ships, which will gather from St. Malo, Nantes, L'Orient, La Rochelle, etc. Several have American as well as French captains. The rebel colonies have met with as little candor from France as has been shown in negotiations with England.

Mar. 1778: Stormont advises immediate war. Weymouth, Mar. 13, advises Stormont that M. de Noailles, the French ambassador in London, had just notified him of a treaty with the colonies in rebellion, and Stormont is directed to leave Paris "without taking leave," giving notice of it to "as many of His Majesty's subjects as you conveniently can."

LXII.

"Selections from the Papers of Charles Thompson, in possession of his nephew, Mr. John Thompson, resident in Newark, Delaware. Selected in March, 1828."

I. "Biographical notice of the Hon. Charles Thomson, Secretary of the First Congress. A token of respect and esteem from John F. Watson to John Thomson, Esq. 1826."

II. Observations on Mr. Reed's notes, delivered to W. H. D[rayton], concerning John Dickinson.

*** Printed in the *Penn. Mag. of Hist.*, vol. ii. pp. 411–423.

III. Minutes of the proceedings of Congress, beginning July 22, 1782, with abstracts of debates; ending Sept. 20, and touching during the later days the debate on a petition of Henry Laurens, confined in the Tower of London, to the Speaker of the House of Commons.

IV. *Letters to Thomson*, from John Jay, Apr. 23, 1781; July 19, Sept. 12, Nov. 14, 1783; Oct. 20, 1784; from Thomas Jefferson, Dec. 20, 1781; Dec. 17, 1786; Sept. 20, 1787; Jan. 9, 1815; Jan. 29, 1817; from Geo. Washington, July 24, 1789; Jan. 31, 1793; from John Dickinson, Aug. 20, 1776; and from John Debrett, June 10, 13, 1783.

V. *Letter of Thomson* to the President of the U. S., July 23, 1789 (p. 122).

VI. *Colonial Representations in Parliament.* Thos. Wharton to B. Franklin, Apr. 27 and Dec. 30, 1765, on the *Stamp Act.*

VII. *Merchants of Philadelphia.* Their Resolutions, Feb. 6, 1769, and their letters to the merchants of Maryland and to the London Committee (pp. 174, etc.). Answer to the Proprietaries, Apr. 18, 1769. Letters to Dr. Franklin, Apr. 18, 1769, and his reply, July 9; to the London Committee, June 5; to the Committee of Merchants in Boston, June 7; to those in New York; in Maryland, July 4; in Boston, Sept. 21; in New York, Oct. 21; in Newport, Oct. 21; to the Speaker of the New Jersey Assembly; to Committee in Boston, Nov. 11; in New York, Nov. 17; in Newport, Nov. 17; in Baltimore, Nov. 21; in London, Nov. 25; to Franklin, Nov. 26; to the Committee in Boston, Dec. 1; to John Collins, of Rhode Island, Dec. 15; to the merchants of Baltimore, Dec. 15; Circular letter to the Colonies, Dec. 19.

VIII. *Letters to John Jay*, Oct. 12, 1780, on general news in the Colonies, Arnold's treason, etc.; July 11, 1781, on Green's Campaign; the revolt of the Pennsylvania line, etc.; Aug. 9, 1781, on Germain's intercepted letter, and a recapitulation of the course of the war.

LXIII.

"Washington's Addresses. Copied from the Records among Washington's Papers."

These begin Jan. 4, 1782, with one from the Virginia Senate; and embracing those to and from Washington, end in 1797. They include the executives and legislatures of the State, magistrates and inhabitants of towns, officers of militia, bishops, ministers and members of churches, loyalists returned from exile, the Cincinnati and other societies, bodies of merchants, the learned professions, faculties of colleges, judges, indian tribes, masonic lodges, etc.

LXIV.

Washington's Cabinet Papers, copied from the originals. In two vols.

Vol. I. 1789. Indian matters.

1790. Forms of communicating with Congress. Appointing ambassadors. War between Spain and Great Britain. The Potomac as a site for the Capitol. Public lands. Navigation of the Mississippi. Loan in Holland. St. Clair's expedition. Speech of Cornplanter.

1791. Convention with Spanish provinces. National Bank.

1792. Diplomatic nominations. Propositions to Spain. Delivery of fugitives from Justice. The Algerines. Representative apportionment act. Brigantine "Little Sarah."

1793. Application of France for 3,000,000 livres. Indian matters. Increase of rations. War between France and England. Renouncing treaties with France. Reception of a minister from the French Republic. Passport to foreign-built vessels.

Vol. II. 1793 (*continued*). French privateers, and their fitting out in United States ports. The Creek indians. Debt to France. Papers given to M. Genet. The "Little Sarah." Decree of the French National Assembly of Feb. 19. The French Consul at Boston. Power to change the place of meeting of Congress. Letters from the French minister.

1794. Letter of the French minister. Relations with France. Addressing the King of Prussia in behalf of Lafayette. Threatened invasion of Spanish territory by Kentuckians. The Embargo. Treaty of Commerce with Great Britain. The western Indian war. Auxiliary force for Gen. Wayne. Outrageous conduct of people of Georgia. Denmark and Sweden. Kentucky and Georgia. Resolutions of Kentucky. Insurrection in western Pennsylvania.

1795. Treaty with Great Britain. Resignation of Hamilton as Secretary of the Treasury. The Treaty-making power. Power of the President to remove a foreign minister.

LXV.

"Letters from General Washington to various persons. Copied from the originals while they were in my possession. Not printed in Washington's Writings." In 5 vols. They are addressed to the persons named; those from other persons to Washington are in brackets.

A person is named but once under each year, though his name occurs more than once.

Vol. I. 1754. Gov. Dinwiddie. House of Burgesses.

1755. William Bird, Mrs. Fairfax, Augustine Washington, John Carlyle, Mrs. Washington, Dinwiddie, Robt. Orme, Col. Henry Lee, Capt. Montour, Cocke and Ashley, Capt. Vance, Gist.

1756. Dinwiddie, John Robinson, Wm. Denny. Council of War at Fort Cumberland.

1757. Dinwiddie, Col. Stanwix.

1758. Sir John St. Clair, Gov. Fauquir, Col. Bouquet.

1762. Beverly Robinson.

1775. J. Glover and S. Maylan.

1776. Winthrop Sargent.

1777. Pennsylvania Council of Safety, Gen. Sullivan, J. A. Washington, Gen. Mifflin, R. A. Fairfax, A. W. White, Gen. Weedon, Col. T. Pickering, Col. Wm. Grayson, Col. Geo. Baylor, Jas. Warren, Gov. Trumbull, Cornwallis, Maj. A. Morris, M. D'Anmours, Gen. Lee, Gov. Rutledge, Gen. Spencer, John Laurens, Silas Deane, John Page, Samuel Ainse, Committee of Intelligence, President of Congress, John P. Custis, Baron d'Arendt, Col. Samuel Smith, Pulaski, Gen. Thomas Nelson, F. Hopkinson, J. Wharton, Rev. Mr. Whitaker, Gen. Heath.

1778. Jacob Morris, Committee of Congress, R. R. Livingston, Gen. St. Clair, Gen. Mifflin, Thomas Turner, Samuel Chase, M. Francis, M. Penet, Gen. Sullivan, John P. Custis, James Hunter, Lafayette, Lund Washington, Pulaski, D'Estaing, Col. Cox, John Rutledge, Lieut. Col. Johnson, James Hill, B. Bassett, P. Henry, John Mitchell, Gov. Clinton, Lieut. Geo. Washington, Maj. H. Lee, Lord Fairfax, Benj. Harrison, Benj. Franklin.

Vol. II. 1779. Capt. Geo. Lewis, John Mitchell, E. Boudinot, Gen. Greene, Gen. Putnam, Gen. McDougall, B. Franklin, Lafayette, Geo. Mason, Thos. Burke, Thos. Bishop, B. Bassett, Price Posey, [Loose thoughts upon an attack on New York], B. Harrison, J. Rutledge, J. Jay, J. A. Washington, Don Juan de Miralles, J. Armstrong, Governors of States, Lord Stirling, Marine Committee, Mrs. DeLancey, Lieut.-Col. Rogers, Daniel Bowers, Gen. Gist, Timothy Matlock, Gen. Schuyler, Gen. Gates, Gen. Howe, President of Congress, Philip Mazzie, M. Girard, Thomas West, Maj. Benj. Tallmadge, William Gordon, Uzal Ogden, Samuel Purviance, Gen. Armstrong, Board of War, Lieut.-Col. Wm. Washington, Mrs. Harnage, Maj. H. Lee, Col. A. Spotswood, John Dunlap, Jos. Wharton, Luzerne, H. Laurens, Geo. Geddis, Mrs. Jay, C. W. Peale, DuPortail, A. Hamilton, B. Harrison, R. C. Nicholas, Gouverneur Morris, S. Griffen, Gov. Trumbull, Gen. Wayne.

1780. Gen. Irvine, W. A. Livingston, Maj. Henry Lee, Lord Stirling, Col. W. Stewart, Col. W. DeHart, W. Livingston, Board of War, J. P. Custis, Moses Hazen, Major-Generals (circular), President of Congress, Gen. Putnam, Gen. Schuyler, S. Condict, Gen. St. Clair, Steuben, Col. H.

Jackson, R. Morris, Baron de Kalb, Gen. Greene, Gen. Howe, Daniel Brodhead, DuPortail, Ezra Stiles, Col. Jas. Wood, Gen. Hazen, Gen. Lincoln, Col. A. Hamilton, Rev. Wm. Gordon, Fielding Lewis, James Duane, Udney Hay, Maj. Galvan, Chev. de la Touche, Van Schaack, Maj. B. Tallmadge, James Craik, [James Bowdoin to Washton]. Knyphausen, Gen. Heard, Jeremiah Powell, R. Morris, Gen. Knox, Gov. Jefferson, Meshech Weare, John Sullivan, Gen. Forman, Mrs. Reed, Joseph James, La Fayette, Abraham Skinner, Mary Dagworthy, Gen. Gates, Gen. Wayne, Daniel Marsh, Gen. Arnold, James Cannon, Nehemiah Hubbard, Thomas Mumford, Dr. Isaac Ledyard, Gen. McDougall, Gov. Livingston, Geo. Mason, Col. Chas. Harrison, Chev. DuBouchet, Col. Armand, Edmund Randolph, R. Carter Nicholas, John Laurens, Gen. Heath, Col. Seth Warner, Rev. Dr. Smith, Arthur Lee, Judah Alden, Lieut.-Col. D. Humphreys, Gen. Glover, Maj. Samuel Darby, Mrs. Susan Blair.

Vol. III. 1781. T. Pickering, Christopher Greene, Gen. Gist, Gen. Lincoln, Mary Dagworthy, Col. J. Neilson, Gen. Schuyler, Col. Armand, Gen. St. Clair, Gov. Hancock, Gen. Heath, President of Congress, Rochambeau, Gen. Wayne, Chev. de Chastellux, Col. I. Shreve, 2d, Col. John Laurens, Gen. Greene, Gen. Knox, DuPortail, John Matthews, Abraham Skinner, James Duane, Elbridge Gerry, Gov. Jefferson, Col. W. Stewart, Benj. Harrison, Steuben, Don Francisco Rendon, Wm. Fitzhugh, R. H. Harrison, Lund Washington, Luzerne, Lafayette, Col. Elias Dayton, Col. W. Stewart, Sir Henry Clinton, Steuben, John Flood, Chev. de Chastellux, Robert Morris, General Patterson, President Reed, Arthur Lee, Joseph Jones, Col. John Ternant, Gen. Clarke, Col. W. Crawford, Gen. Heath, [Gen. Greene to Gen. Schuyler], A. Skinner, Gen. James Clinton, Joseph Webb, Col. Seth Warner, Gen. St. Clair, Col. T. Pickering, Fielding Lewis, Rochambeau, Gen. McDougall, Maj. Rugeby, Col. Marinus Willet, R. H. Lee, Gen. Forman, Gen. Wayne, William Fitzhugh, Thomas Nelson, Gen. Stark, Meshech Weare, R. Morris, Gov. Lee, Comte de Grasse, Gen. Heath, Gen. Howe, Col. Alexander Scammell, Gen. Daniel Morgan, Mrs. Betty Randolph, Alex. Martin, John Hanson, Bartholomew Dandridge, John Bullen, Fred. A. Muhlenberg, William Moore, James McHenry, Gen. Irvine, Dr. Thomas Bond.

1782. Gen. Schuyler, Col. Febiger, Benj. Harrison, Gen. Greene, Gov. Clinton, Gen. Huntington, Wm. Fitzhugh, James Wood, Maj. Villefranche, Jos. Reed, Gen. Gates, James Wilson, Gen. Knox, Matthias Ogden, Lord Stirling, Steuben, Arthur Lee, John Lewis, Bartholomew Dandridge, De Neufville & Son, Robert Morris, R. R. Livingston, Gen. Lincoln, Benj. Tallmadge, Robert Morris, John Matthews, Gen. Parsons, J. M. Scott, John Greaton, James Duane, Tench Tilghman, Meshech Weare, Gen. Irvine, Walter Stewart, Count de Custine, Gouverneur Morris, J. P. Posey, D. C. Claypole, Jonathan Williams, Watson and Cosson, Chastellux, Vaudreuil, Armand, Gov. Harrison, James McHenry, Rev. Wm. Smith, Gen. McDougall, Robert Morris, Wm. Moore, Jos. Reed, Rev. Samuel Cooper, Richard Butler, John Jay, Lafayette, Rev. Wm. Gordon, Luzerne, Col. T. Pickering, Gov. Trumbull, Gov. Clinton, Gen. Forman, Benj. Tallmadge, Elias Boudinot.

Vol. IV. 1783. Gen. Heath, Robt. Morris, Gen. Armstrong, Tench Tilghman, John A. Washington, Samuel Ogden, Col. M. Willett, Christopher Colles, Gen. Greene, Bryan Fairfax, Thomas Jefferson, Gen. St. Clair, Gov. Harrison, Gov. Trumbull, Gov. Paca, R. R. Livingston, Lund Washington, Lafayette, Maj. Tallmadge, Gen. Knox, S. Adams and T. Dalton, Elias Boudinot, Theodorus Bland, Gen. Greene, Gen. Lincoln, Alex. Hamilton, Sir Guy Carleton, Meshech Weare, Gov. Clinton, Col. M. Ogden, Miss S. Lee, Luzerne, B. Franklin. [Conference with Sir Guy Carleton.] Gov. Harrison, Chastellux, Rochambeau, Comte de Grasse, Gen. Greene, Col. Ternant, Richard Varick, Benson, Smith and Parker, Rev. John Rogers, Baron Viominil, Lafayette, Rev. Wm. Gordon, Marbois, Geo. W. Fairfax, Baron de Riedesel, Baron de Capellan, Steuben, Robert Morris, Gen. Knox, Thomas Paine, Bushrod Washington, DuPortail, Col. Pickering, Rochambeau, Duc de Lauzun, Comte de Noailles, Gen. Schuyler, Gen. Huntington, Countess of Tankerville, Lieut. Howe, [McDougall, Knox, and Pickering to Washington; officers of army to Washington], John Hancock, Robert Morris, Dr. Martin, Marquis de la Rouerie, the officers of the army.

1784. Count de Solms, John de Neufville, Samuel Vaughan, Elias Boudinot, Earl of Tankerville, Mrs. Stockton, Fielding Lewis, Simon de Witt, Gen. Greene, Thos. Jefferson, Comte de Grasse, Comte D'Estaing, Marquis de la Rouerie, Gen. Knox, Robert Morris, Sir Edw. Newenham, Robert Morris, Commander at Fort Pitt, Clement Biddle, Tench Tilghman, Chastellux, Dr. Le Moyeur, Miss S. Lee, Rev. Mr. Balch, Jacob Read, Rochambeau, Comte de la Touche, Gen. Knox, Geo. Chapman.

1785. Gen. Knox, Samuel Chase, Thos. Johnson, Æneas Lamont, Robert Morris, Lafayette, Thos. Jefferson, Geo. W. Fairfax, Maj. Jas. Keith, Matthew Carey, R. H. Lee, I. G. Diricks, Lucretia W. Van Winter, Marbois, James Duane, Gen. Greene, Burwell Basset, William Minot, Tench

Tilghman, Wm. Carmichael, Samuel Powell, Edmund Richards, Wm. Grayson, R. H. Lee, Rev. Mr. Balch, Geo. W. Fairfax, Noah Webster, Col. Robt. Stewart, Edmund Randolph, David Humphreys, Thomas Newton, Luzerne, Chastellux, Rochambeau, De Neufville, Le Barbier, Jona. Trumbull, James Madison, David Humphreys, Rev. Dr. Price, Sir Edward Newenham, David Stuart, Rev. Dr. Gordon, Alex. Hamilton, Benj. Harrison, William Carmichael.

Vol. V. 1786. Mrs. C. M. Graham, Samuel Purviance, Rev. Dr. Gordon, Clement Biddle, Mrs. Bristow, Lafayette, Col. D. Humphreys, Duc de Lauzun, Baron de Holkendorff, Theodorick Bland, Chastellux, Don Diego de Gardoqui, James Tilghman, John F. Mercer, Mrs. Betty Lewis, Geo. A. Washington, Hon. Thomas Johnson, Comte D'Estaing, Mr. Marsteller, Col. P. Nevill, James McHenry, M. F. Lewis, Gov. Randolph, Wm. Hall.

1787. Bushrod Washington, D. Humphreys, John Jay, Henry Knox, Robt. Morris, Lafayette, Steuben, Chas. Thomson, Thomas Johnson, Henry Banks, Chas. Carter.

1788. Countess de Essarts, Gen. Duplessis, Henry Knox, Samuel Powell, Charles Carter, Rufus King, John Jay, Benj. Lincoln, Samuel Chamberline, M. de Marbois, James McHenry, John Porter, James Madison, David Stuart, Nicholas Pike, Gustavus Scott, J. B. Bordley, John Edwards, John Mary, Thomas Johnson, Mrs. A. Stockton, Clement Biddle, Bushrod Washington, David Stuart, Mrs. Anne Welch, Gen. Hurlburt, Robt. Dick, Benj. Fishbourn.

1789. Jas. Madison, Jabez Bowen, Benj. Lincoln, Gouverneur Morris, Robert Morris, Rev. Jos. Buckminster.

1790. Gouverneur Morris, David Stuart, Anthony Whiting, Cyrus Griffin, Thomas Randall, Francis Clark, Henry Knox, Thomas Jefferson.

1791. Deakins & Stoddart, George Clandenen, [Conference of a Committee of the Senate with the President], Thos. Johnson, Arthur Young, Philip Schuyler, Samuel Vaughan, Gen. Knox, [conversation with Mr. Butler].

1792. Robert Bowyer, H. D. Gough, Mrs. Washington, Mrs. Powell, Archibald Robertson, Lewis Segar, A. Young, Edw. Newenham, Rev. Geo. S. Keith, Thos. Jefferson, Rev. Dr. Shipley, Mr. Copley, Robert Lewis.

1793. Wm. McWhir, Sir John Sinclair, Alex. Hamilton, Robert Lewis, A. Young, Tobias Lear, Gen. Knox, Madame de Saxy.

1794. David Stuart, [James McHenry to Washington], Gen. Knox, [Resolve in Committee of Safety], Alex. Hamilton, John Jay, James Anderson, Robert Lewis, Sir John Sinclair, [E. Randolph to the President], E. Randolph, [John Jay to Washington], Alex. Spottswood.

1795. Robert Lewis, [from John Jay], Charles Carter, E. Randolph, Sir John Sinclair, Timo. Pickering, Edw. Carrington, James Anderson.

1796. Anderson, Wm. Strickland, Sir John Sinclair, Robert Lewis, Tobias Lear, Alex. Hamilton, James McHenry, Oliver Wolcott, Landon Carter.

1797. Sir John Sinclair, James Anderson, T. Pickering, James McHenry, Samuel Washington, Benj. Goodhue, Robert Lewis.

1798. G. W. P. Custis, Robert Lewis, Mr. Ferot, John Sinclair, Edw. Carrington, John Trumbull, James McHenry, T. Pickering, Gen. Hamilton, Wm. Vans Murray, Alex. Spottswood, Wm. Thornton, David Stuart, John Marshall.

1799. Gen. Hamilton, James Welch, Robt. Lewis, Col. Thomas Parker.

LXVI.

"Letters to George Washington. Copied from the originals." In two vols. The collection includes letters to other persons, which came into Washington's hands.

Vol. I. 1775–1784.

1775. July 8. Guy Johnson to the President of the N. Y. Prov. Congress.

Aug. 14. Gen. Wooster to Gov. Trumbull. To the Inhabitants of Canada. ["Doubtful whether it was sent."]

Sept. 8. To Gen. Schuyler.

Sept. 10. To Lt. R. Ritzema.

Sept. 15. James Livingston to ——

Sept. 15. Gov. Cooke to ——

Sept. 27. Col. Warner to Gen. Montgomery.

Oct. 13. Proceedings of a Council of War held at St. Johns. Signed by Richard Montgomery.

Oct. 15. Eleazar Wheelock to Washington.

Nov. 27. B. Arnold's acc. of his march by the Kennebec.

Dec. 16. Gen. Montgomery to Gen. Wooster, before Quebec.

1776. Feb. 19. Braintree. Josiah Quincy to Washington.

Mar. 18. Gov. Trumbull to ——

July 7. Gen. Thomas to the Committee of Congress.

May 1[illegible]. Saratoga. Philip Schuyler to Col. Dayton and to Sir John Johnson.

May 22. Elias Dayton to Gen. Schuyler.

May 25. Fort George. Schuyler to Dayton.

June 16. La Prairie. B. Arnold to Gen. Sullivan.

July 31. New York. William Palfrey to John Hancock.

Sept. 8. Fort Montgomery. Gen. James Clinton to Washington.

Oct. 12. Schuyler's Island. Arnold to Gates, — the fight at Valcour Island.

Nov. 18. Fort Lee. Gen. Greene to ——

1777. Feb. 10 and Mar. 19. New York. Gen. Chas. Lee to John Hancock.

Mar. 25. Ticonderoga. Gen. Wayne to the Council of Massachusetts.

May 19. N. Y. Gen. Chas. Lee to Robt. Morris.

June 5. New Haven. Gen. Parsons to Washington.

June 15. Berlin, Germany. A. Lee to Washington.

Aug. 4. Manchester. Gen. Lincoln's orders.

Sept. 19. Stillwater. Col. Varick to Gen. Schuyler. Battle of Stillwater.

Oct. 11. Gen. Putnam to Gov. Clinton.

1778. Jan. 22. Valley Forge. F. Barber to Col. Dayton. Surprise of Col. Lee.

Apr. 24. Suffolk. Gen. Chas. Lee to Thomas Burke of North Carolina [misplaced, should be 1776].

May 23. Germantown. Allen McLane to Maj. Clough.

July 19. Albany. Gen. Schuyler to Henry Laurens. Troubles with the Indians.

July 28. Greenwich. Col. Richard Butler to Gen. Lincoln. Battle of Monmouth.

Aug. 17. Providence. W. Greene to ——. Preparations in R. I.

Aug. 24. Rhode Island. Lafayette urges retreat.

Aug. 29. D'Estaing to Sullivan. Apparently from Boston.

Oct. 6. Fishkill. Lafayette to Lord Carlisle. Challenges him to a duel.

Oct. 11. New York. Carlisle rebukes Lafayette. Refers to a duel of the fleets of Byron and D'Estaing.

Other notes of Lafayette to Carlisle without date.

Nov. 13. Cherry Valley. Major Daniel Whiting to Gen. Hand. Attack on fort.

1779. Apr. 24. Fort Schuyler. Col. G. Van Schaick to Gen. Schuyler. Minutes and Proceedings of the Onondaga expedition.

May 11. Williamsburg, Va. Patrick Henry to John Jay. British fleet in the bay.

May 12. Henry to Jay. Portsmouth taken.

June 12. Rochefort, France. Lafayette to Washington. Urges him not to expose himself in battle. Luzerne going to America.

July 5. Gen. Phillips to Gov. Jefferson. About Gov. Hamilton, captured at Vincennes, and pleading that he may be set at liberty.

July 6. Otsego Lake. James Clinton to Gov. Clinton. Ready to join Gen. Sullivan.

July 16. Philadelphia. Gerard to —— [? Washington].

July 17. Williamsburg. Gov. Jefferson to Washington. About the case of Hamilton, as raised by Phillips. Four hundred Convention troops have deserted in the last fortnight.

July 21. Wyoming. Sullivan to John Jay.

Oct. 7. Havre. Lafayette to Washington.

Nov. 18. Philip Schuyler (now in Congress) to Washington.

Nov. 28. Williamsburg. Gov. Jefferson to Washington. Recruiting. Case of Hamilton, in confinement.

1780. Jan. 15. Capt. Allan McLane to Maj. Lee.

Jan. 21. Heath's H. Q. James Jay to Washington.

Jan. 28. Charleston, S. C. Lincoln to Washington. Reduction of Georgia and Florida; expedition to St. Augustine.

Feb. 12. Morristown. Memorial of Col. Moses Haven to Washington.

Feb. 16. Morristown. Gen. Greene to Samuel Huntington. Quartermaster's department.

Feb. 18. Don Juan Miralles to Washington. Spanish successes on the Mississippi with statement accompanying.

Mar. 30. Cooshocking. Gerrard, etc. to Col. Brodhead and Col. John Henry. John Hackenwelder to Brodhead.

Apr. 2. Tupaking. David Zeisberger to Col. Brodhead. Indian murders, etc.

May 9. Philadelphia. James Duane to Washington.

May 26. Duane to Washington.

May 27. Kentucky Co. Bowman to Col. Brodhead.

June 1. Schönbrun. Zeisberger to Brodhead.

June 7. Tupaking. Zeisberger to Brodhead. Another of June 12 (p. 183).

July 11. Providence. Heath to Washington. The French fleet signalled at Newport.

July 19. Salem. Capt. John Killbrick and others, Counsellors of Cooshocking, to Brodhead.

July 26. Salem. Hackenwelder to Brodhead.

July 27. Camp Precaness Greene to Washington. Resigns as Q. M. General.

Aug. 15. Salem. Hackenwelder to Brodhead.

Aug. 18. Albany. Schuyler to Lafayette. Deane sent with indians to see the French fleet, in order to impress them.

Sept. 23. "Papers found in Maj. André's boots, when he was taken at Tarrytown, Sept. 23, 1780. The six following papers . . . have been transcribed from the originals, which were all in the

hand-writing of Gen. Arnold, and are among the Gov. George Clinton papers."

*** They are now in the State Library at Albany; and are printed.

Sept. 17. On board the "Vulture." Beverly Robinson to Gen. Putnam, asking for an interview. Sparks adds: "General Putnam left the army in Sept. 1779, and went home disabled by a paralysis, and never again returned to the army. He could not have been at West Point, therefore, at the time here mentioned. This letter was enclosed in another written to Arnold, and was doubtless intended to disguise the designs of Robinson in soliciting an interview with Arnold, in case that letter should be intercepted."

Sept. 20. Philadelphia. John Cadwalader to Washington.

Sept. 28. Richmond. Jefferson to Washington. The people of Kentucky beg that Gov. Hamilton and Maj. Hay be not released. Rocheblawe has broken his parole and gone to New York. We have five to eight hundred men guarding our western frontier. Desirability of attacking Detroit.

Oct. 10. Joseph Butler to Col. Brodhead.

Oct. 11. Monongahela Co. Wm. McCleary to Brodhead.

Oct. 22. Quebec. Gen. Haldemand to Thomas Chittenden.

Oct. 26. Richmond. Jefferson to Washington. Urges the removal of the Convention troops, as it might be impossible to hold them if an invasion of British troops came.

Oct. 26. Crown Point. Chas. Carleton to Brig. Gen. Allen. Exchange of prisoners.

Oct. 27. Ethan Allen to Carleton. Exchange of prisoners.

Nov. 26. Richmond. Jefferson to Washington. The British part of the Convention troops marched Nov. 20 toward Fort Frederic.

Dec. 5. Philadelphia. Lafayette to Washington. Spanish expedition against St. Augustine. Interview with Luzerne about Southern operations.

1781. Jan. 6. Col. Wm. Hull to Gen. Heath. Proposed attack on DeLancey's corps of Loyalists. A second letter on guarding the lines.

Jan. 8. Clermount. R. R. Livingston to Washington.

Jan. 19. Cain Creek. Gen. Morgan to Greene. His victory over Tarleton.

Jan. 22. Williamsburg. Rochambeau to Greene.

Jan. 23. Fort Pitt. Brodhead to Washington.

Jan. 29. Richmond. Steuben to Washington. The British in Virginia.

Jan. 29. Philadelphia. James Duane to Washington. Political matters.

Feb. 18. Fort Pitt. Brodhead to Washington.

Feb. 23. Virginia. Steuben to Washington. Proposed attack on Portsmouth. Southern news.

Feb. 25. Albany. Schuyler to Washington. Wishes for better articles of confederation.

Feb. 26. Salem. Heckenwelder to Brodhead.

Feb. 27. Philadelphia. Joseph Jones to Washington.

Mar. 8. Elk. Lafayette to Washington. Plans for Virginia.

Mar. 10. Fort Pitt. Brodhead to Washington.

Apr. 13. Susquehanna. Lafayette to Washington.

Apr. 16. Philadelphia. John Mathews to Washington.

Apr. 18. Lafayette to Washington.

Apr. 27. Before Camden. Gen. Greene to Samuel Huntington. Battle of Hobkirk's Hill.

May 17. Philadelphia. John Sullivan to Washington.

May 18. Wilton, James River. Lafayette to Washington. Ordered by Greene to command in Virginia. Watching Gen. Phillips.

May 24. Charlestown. Col. Scammell to Washington. Operations on the Hudson.

May 29. Roxbury, Mass. Heath to Washington. Visiting the New England States to secure supplies.

June 5. Rappahannock Camp. Lafayette to Washington. Urges Washington to join him in Virginia.

June 18. Allen's Creek. Lafayette to Washington. Unintelligible conduct of Steuben.

June 20. Near Ninety-six. Greene to Congress. Siege of Ninety-six.

June 23. Rush River. Greene to Washington.

June 28. Lafayette to Washington. The British retiring.

July 20. Malvern Hill. Lafayette to Washington. Operations in a state of languor,

July 23. Office of Finance. Robt. Morris to Washington.

July 26. Malvern Hill. Lafayette to Washington. Watching the British embarked on ships.

July 31. Malvern Hill. Lafayette to Washington. Still uncertain of the destination of the British fleet.

Aug. 11. Near Kent Mountain. Lafayette to Washington. Cornwallis entrenching at York and Gloucester. The Pennsylvanians and Virginians never agree.

Aug. 18 and 21. Tuppaking. D. F. Zeisberger to Brodhead.

Aug. 23. Fort Pitt. Brodhead to Washington.

Aug. 24. Fort Pitt. Col. John Gibson to Washington.

Aug. 30. Brunswick Landing. Lincoln to Washington.

Sept. 11. Near Fergusson's Swamp. Greene to Congress. Battle of Eutaw — a long letter.

Sept. 12. Philadelphia. Edw. Rutledge to Washington. Desirableness of attacking Charleston, S. C., after Cornwallis is reduced.

Dec. 27. Round O. Greene to Rochambeau.

1782. Jan. 23. St. Paul's Parish. Greene to Congress. Military movements.

Apr. 18. Philadelphia. Luzerne to Washington.

May 2. Fort Pitt. Gen. Irvine to Washington.

June 13. Mingo Bottom. Lieut. Rose to Gen. Irvine.

June 13. Col. Williamson to Gen. Irvine.

July 8. Chester, Md. Rev. Dr. Smith to Washington.

July 11. Virginia. Gov. Harrison to Washington.

July 30. Baltimore. Rochambeau to Washington.

Aug. 12. Ashley Hill. Greene to Washington.

Aug. 13. Baltimore. Rochambeau to Washington.

Aug. 27. Chehaw Neck. Gen. Gist to Greene.

Oct. 19. Philadelphia. James Potter to Washington.

Dec. 12. Greene to Washington.

Dec. 21. Philadelphia. Chev. de Chastellux to Washington.

Dec. 24. Philadelphia. DuPortail to Washington.

1783. Mar. 22. Theodoric Bland to Washington.

June 16. Petition of officers in the Continental line of the army to Congress, about grants of land.

June 16. New Windsor. Rufus Putnam to Washington. On the proposed grants of land, and description of the Ohio lands.

Nov. 22. Zwol. Capellen to Washington.

Nov. 30. Providence. Rochambeau to Washington.

Dec. 14. Waynesborough. Gen. Wayne to Washington.

Vol. II. 1784–1799. — 1784. Mar. 20. Lady Salina Huntington to Washington.

Apr. 8. Bath. Same to the governors of the States. Conversion and civilization of the indians. With a plan of action. (p. 14.)

Apr. 28. New York. Thomas Paine to Washington.

July 26. Dorchester. Knox to Washington.

Aug. 29. Charleston, S. C. Greene to Washington.

Sept. 12. Paris. Luzerne to Washington.

Dec. 20. New York. Jas. Jay to Washington. Introduction of manufactures.

1785. Jan. 1. Richmond. James Madison to Washington.

Jan. 15. Paris. D. Humphreys to Washington.

Jan. 31. Boston. Knox to Washington. Political affairs. Difference about the identity of the St. Croix river on the north-eastern boundary. Lime stones.

Feb. 27. New York. R. H. Lee to Washington. Lady Huntington's plan.

Mar. 25. Paris. Luzerne to Washington.

Mar. 28. Jamaica Plain Wm. Gordon to Washington.

Apr. 14. Tusculum. John Witherspoon to Washington.

May 5. New York. Knox to Washington. Men to be raised to guard the western frontier.

June 2. Paris. Rochambeau to Washington. Franklin returning home.

July 23. R. H. Lee to ——.

Oct. 11. New York. R. H. Lee to Washington. Indians in the Ohio country. John Adams in Great Britain.

Nov. 11. Richmond. Patrick Henry to Washington. Dismal Swamp canal.

Nov. 22. New York. Knox to Washington. The indians on the frontier restless.

Dec. 7. Richmond. Benj. Harrison, jr., to ——.

1786. Jan. 7. Suffolk, Eng. Arthur Young to Washington. Agricultural matters.

Feb. 3. Paris. Luzerne to Washington.

Apr. 21. New York. Henry Lee, jr., to Washington. Internal improvements.

June 12. New York. James Gardoqui to Washington.

July 3. New York. Henry Lee to Washington. Navigation of the Mississippi.

Oct. 1 (?) Henry Lee, jr., to Washington.

Oct. 23. New York. Knox to Washington. Powers of Congress inadequate. The indians hostile.

Nov. 9. New Haven. D. Humphreys to Washington.

1787. Jan. 19. Traveller's Rest. Gen. Gates to Washington. The Society of the Cincinnati.

Feb. 27. New York. Knox to Washington. Shays' Rebellion.

Feb. 28. Springfield. D. Humphreys to Washington. Shays' Rebellion.

Mar. 19. New York. Knox to Washington. Shays' Rebellion. Convention for forming a new government. The Cincinnati Society.

Apr. 9. New York. Knox to Washington. The proposed Convention.

Nov. 20. New York. James Madison to Washington.

Dec. 11. New York. Knox to Washington. The new Constitution.

Dec. 26. New York. Jas. Madison to Washington. Massachusetts and the new Constitution.

1788. Jan. 28. New York. James Madison to Washington, enclosing a letter by Mr. King, dated Boston, Jan. 20, about the Constitutional Convention in Boston.

Feb. 1. New York. Madison to Washington. Further news from Boston.

Feb. 8. New York. Madison to Washington. Ratification of the Constitution in Massachusetts, and other States.

Feb. 11. New York. Madison to Washington. Further from Boston.

Mar. 10. New York. Knox to Washington. Conventions in the various States.

June 13. Richmond. Madison to Washington. Fate of the Constitution.

June 20. Lebanon. Jona. Trumbull to Washington. Progress of Federalism.

June 27. Richmond. Madison to Washington. The Constitution ratified.

July 14. New York. Noah Webster to Washington. Asking him if it be true that the arrival of the French fleet in the Chesapeake changed his plans of attacking New York into one of attacking Cornwallis.

July 16. Reasons of the delegates of the New York Convention for not approving the federal Constitution as a whole.

July 23. Poughkeepsie. John Jay to Washton. The Constitutional Convention.

Sept. 26. New York. Madison to Washington. Resolves of Congress respecting the Mississippi.

Nov. 5. New York. Madison to Washington.

Dec. —. Philadelphia. Madison to Washington. Elections for the Senate.

1789. Feb. 16. Ringwood, Eng. Wm. Gordon to Washington. His History finished. The first edition cost £700. 1250 copies printed, 250 of which on the best wove paper. Asks for corrections of mistakes.

Mar. 5. Baltimore. Madison to Washington.

Apr. 6. New York. Madison to Washington. A quorum of both houses assembled.

May 1 and 19. New York. Count de Moustier to Washington.

Oct. 26. Boston. Gov. Hancock to Washington, and Washington's reply.

Dec. 8. Abington. David Stuart to Washington.

1790. Jan. 21. Georgetown. Madison to Washington.

June —. Berkshire, Eng. Catharine Macaulay Graham to Washington. The American System of Government.

Dec. 15. Berkeley County. Robert Rutherford. Condition of Kentucky. Indian war.

1791. Mar. 1. Berkshire, Eng. Catharine Macaulay Graham to Washington. The French Revolution.

Apr. 10. Treasury Department. Alex. Hamilton to Washington.

May 15. London. Luzerne to Washington.

Sept. 12. Philadelphia. Edmund Randolph to Washington. Persons treating for lands with the Indians without authority.

Nov. 6. Thomas Jefferson to Washington.

Nov. 9. Fort Washington. William Darke to Washington. Account of his defeat by the Indians.

Dec. 22. Thomas Jefferson, Secretary of State, to Washington.

1792. Jan. 22 and Mar. 15. H. Q., Metz and Paris. Lafayette to Washington. Movements in France.

May 16. Philadelphia. Jefferson to Washington.

July 23. Lisbon. Secret and confidential. D. Humphreys to Washington.

Sept. 1. Treasury. Hamilton to Washington.

Nov. 2. Philadelphia. Jefferson to Washington.

1793. May 18. Private. E. Randolph to Washington. Against calling a session of Congress.

Aug. 4. Jefferson to Washington. Favors calling a session.

Oct. 8. Monticello. Jefferson to Washington.

Nov. 8. Fair Hill. Hamilton to Washington.

1794. Jan. 29, Feb. 2, Feb. 21, Feb. 22, Feb. 23, and several without date. E. Randolph to Washington.

Mar. 12. Civis to Washington, advising an embargo and other measures.

Mar. 24. Treasury. Hamilton to Washington.

June 12. Anonymous to Washington.

June 19. London. Jay to Lord Granville, on a day appointed for presentation to the King, and Lord Granville's answer.

June 30. Lisbon. D. Humphrey's to Washington. (Secret and confidential.)

Aug. 5. London. Jay to Washington. Conference with Granville, with the King.

Aug. 10. London. Jay to Washington.

Sept. 19. Philadelphia. Hamilton to Washington.

Oct. 3. Philadelphia. Edmund Randolph to Washington. On Gen. Wayne.

Oct. 9. Philadelphia. Edmund Randolph to the President. French Revolution.

Oct. 17. Philadelphia. Wm. Bradford, Att'y General, to Washington.

Nov. 19. Paris. James Monroe to Washington. Mr. Morris. Successes of the French Republic.

1795. Feb. 25. London. Thos. Pinckney to Washington.

July 7, 17, and 27. Philadelphia. Edmund Randolph to Washington.

Nov. 20. Richmond. Edw. Carrington to Washington.

1796. Feb. 24. Richmond. Edw. Carrington to Washington.

May 29. Department of State. Timothy Pickering.

Apr. 18. New York. John Jay to Washington.

Apr. 27 and May 9. Richmond. Carrington to Washington.

July 1, July 15, Aug. 12. Philadelphia. Timothy Pickering to Washington.

Nov. 26. Lansingburgh. John C. Ogden to Washington.

1797. Jan. 17. Richmond. James Junes to Washington.

Jan. 23. Philadelphia. Robert Rutherford to Washington.

Jan. 24. Paris. Dumas to Washington.

1794. Jan. 31. Lisbon. D. Humphreys to Washington.

Mar. 14. Philadelphia. Edmund Randolph to Washington.

Apr. 7. New York. Gov. Clinton to Washington.

Apr. 19. Philadelphia. Randolph to Washington.

1797. Apr. 26. London. Rufus King to Washington.

June 6. Philadelphia. T. Pickering to Washington.

Aug. 22. Hamburgh. S. Williams to R. King.

Sept. 1. London. R. King to S. Williams.

Sept. 6. London. R. King to Washington. Release of Lafayette.

Sept. 10. Leyden. John Luzac to Washington.

Sept. 15. The Hague. J. Marshall to Washington. French Revolution.

Sept. 16. The Hague. W. V. Murray to Washington.

Sept. 19. Rotterdam. C. C. Pinckney to Washington.

Oct. 21 and 22. New York. G. W. Lafayette to Washington.

Oct. 24. Paris. John Marshall to Washington. French affairs.

1798. Feb. 10. Boston. G. R. Minot to Washington. Sends his History of Massachusetts.

Mar. 8. Paris. John Marshall to Washington. Difficulties with France.

May 16. Abbotstown. Thos. Pinckney to Washington.

May 29. Boston. Jeremy Belknap to Washington. Enquiries respecting the Maryland Calverts; and about authorities on Virginia history.

June 21. Philadelphia. James Lloyd to Washington.

July 3. Philadelphia. James McHenry to Washington.

July 4. Philadelphia. James Lloyd to Washington.

July 17. Dryburgh Abbey. Earl of Buchan to Washington.

Aug. 4. War Department. James McHenry to John Adams.

Aug. 25. Trenton. James McHenry to Washington.

Sept. 16. Trenton. Benj. Stoddert to Washington.

Oct. 30. War Department. James McHenry to Washington.

1799. Mar. 8. Charleston, S. C. C. C. Pinckney to Washington.

July 18; Aug. 2. Philadelphia. Timothy Pinckney to Washington.

Aug. 10. Lebanon. Jona. Trumbull to Washington.

LXVII.

Letters to George Washington, 1777–1783. Copied from the originals.

1777. Jan. 18. Baltimore. John Hancock to Washington.

April 9 and 14. Salem. Timothy Pickering to Washington.

Apr. 25, 26, 29. Philadelphia. Hancock to Washington.

July 8, 14. Philadelphia. Hancock to Washington.

Aug. 21, 24. Philadelphia. Hancock to Washington.

Sept. 3, 18. Philadelphia. Hancock to Washington.

Oct. 17. Yorktown. Hancock to Washington, announcing his retirement from Congress. Covering Gates' account of his victory.

Nov. 5. Yorktown. Henry Laurens to Washington.

1778. June 8. Yorktown. Laurens to Washington.

June 14. Yorktown. Laurens to Geo. Johnston. Terms of conciliation.

June 18. Yorktown. Laurens to Washington.

July 7. Philadelphia. Laurens to Washington.

1779. Aug. 30. Newton. Gen. Sullivan to Washington.

1780. Dec. 29. Newburgh. Col. Pickering to Col. Tilghman.

1781. Jan. 14. Newburgh. Col. Pickering to Washington. Quartermaster General.

Feb. 9. Newburgh. Pickering to Washington.

Apr. 20. Newburgh. Pickering to Lieut.-Col. Humphreys; and to Lieut.-Col. Hamilton.

May 6, 9, 10, 12, 18; June 5, 8. Newburgh. Pickering to Washington.

June 29, Peekskill; July 6, Phillipsburgh. Pickering to Washington.

July 10. Philadelphia. S. Huntington to Washington.

July 12, Camp; Aug. 21, King's Ferry. Pickering to Washington.

Sept. 26. Philadelphia. Thos. McKean to Washington.

1782. Jan. 17, New Windsor; Mar. 3, 5, 23, Apr. 23, 30, May 14, 27, Philadelphia. Pickering to Washington.

May 27. Philadelphia. R. R. Livingston to Washington.

Aug. 6, Philadelphia; Sept. 24, 26, Oct. 3, 25, Camp; Nov. 4, 9, 11, Newburgh. Pickering to Washington.

1783. Jan. 29. Philadelphia. Elias Boudinot to Washington.

Jan. 31, Feb. 7, 10. Newburgh. Pickering to Washington.

Feb. 26. Philadelphia. Elias Boudinot to Washington.

Mar. 1. Newburgh. Pickering to Washington.

Mar. 12, 17. Philadelphia. Boudinot to Washington.

Mar. 26, Apr. 22. Newburgh. Pickering to Washington.

June 9. Philadelphia. Boudinot to Washington.

XLVIII.

Washington and the old French War.

1. "Selections relating to the origin of the War of 1756. Copied from original papers in the possession of the Marquis of Lansdowne. London, March, 1829." (p. 1.)

Circular, from Fox, Jan. 19, 1756, sent to the ministers at the different Courts, referring to letter to Rouillé [*London Mag.* 1756, p. 46; Entick, i. 220] and the Mémoire of Rouillé on the differences between the French and English in America, Dec. 21, 1755 [translated in *London Mag.* 1756, p. 45; *Gentleman's Mag.* 1756, p. 38], with observations on the same [translated in *Gentleman's Mag.* 1756, p. 51; Entick's *Late War*, i. 224; and answered in the *Mémoire Contenant le Précis des Faits*, 1756].

H. Fox, Jan. 20, to Sir Benj. Keene, communicating the treaty with the King of Prussia; Feb. 16, about the offer of the King of Prussia to mediate.

Keene to Fox, Feb. 24, on the Answer to Rouillé's *Mémoire*, and on the treaty with Prussia.

Fox to Keene, Mar. 15, on the reopened mediation of Spain. Earl of Holderness to Mr. Keith, Mar. 23, on the treaty with Russia.

Keene to Fox, Madrid, Mar. 22, on the Alliance between France and Austria; Apr. 5, on the treaty with Prussia; Apr. 13, on the Alliance of Austria and France.

Fox to Keene May 10, on France refusing mediation; June 7, on Admiral Byng and the alliance of France and Austria.

Keith, Vienna, May 16, to Holderness, on the treaty with Prussia and the alliance of France and Austria.

Fox to Keene, June 18, on his endeavoring to prevent Spain joining France and Austria.

Keene, Antigola, June 16, to Fox on the French and Austrian Alliance.

Michell, Berlin, June 22, on the alarm of the King of Prussia at the doings of Russia.

2. "Selections copied from the papers in the office of the Board of Trade. London, March, 1829." "Operations on the frontier of Virginia, 1754, 1755."

Dinwiddie, Williamsburg, Nov. 15, 1753, to Lords of Trade.

Wm. Trent to Dinwiddie, giving account of his carrying a gift of powder and guns to the Six Nations, being a diary from July 11 to Aug. 24, 1753.

Dinwiddie, June 29, 1754, to Lords of Trade, on Washington's mission to the French.

Letter to the Commander-in-Chief of the French in the Ohio, Oct. 31, 1753. Washington's instructions, and commission.

St. Pierre, Dec. 15, 1753, to Dinwiddie.

Washington's passport.

Dinwiddie, May 10, 1754, to Lords of Trade.

Sommation faite par ordre de M. de Contrecœur, Avril 10, 1754.

Washington, Mills' Creek, Apr. 25, with his speech to the Half-King, signed "G. Washington *als.* Connolancarious."

Half-King's speech to the governors of Virginia and Pennsylvania.

Ensign Ward's deposition, May 7, 1754.

Dinwiddie, Sept. 23, 1754, to the Lords of Trade; also June 18.

Contrecœur's instructions to Jumonville, May 23, 1754.

Sommation que fera le Sr. de Jumonville, de Contrecœur, May 23.

Dinwiddie to Lords of Trade, Nov. 16; also, Jan. 1755, on the present state of Virginia; Mar. 17; June 6; Sept. 6; Nov. 15; Mar. 20, 1756; June 11.

3. "Selections copied from the private letter books of Governor Dinwiddie, now in the possession of Mr. J. Hamilton, Cumberland place, London, Mar. 19, 1829."

*** These letters have been printed by the Virginia Historical Society, which now owns the originals.

4. "Selections copied from the private letter books of Governor Tryon, now in the possession of Mr. O. Rich, London, Mar. 19, 1829."

*** The two volumes from which these copies are made, passed from the hands of Rich to those of Henry Stevens in Nov. 1845, who writes in one, "A small portion of the first part containing the Correspondence is in Her Majesty's State Paper Office. A considerable portion of the minutes of the Council [which make the second volume] is wanting in the State Paper Office, viz. Apr. 9—June 25, 1766, and Apr. 14—May 9, 1769, and the last three leaves of the volume." The two volumes were bought by Harvard College Library in 1848 for £12 10*s.* — bound together, and are now in the Library [marked 12351.1]. The first part contains letters to the following addresses: —

1764. Oct. 10, Gov. Dobbs; Oct. 15, Earl of Halifax; Oct. 15, Lords of Trade; Oct. 16, Earl of Hillsborough; Oct. 31, Dec. 6, Messrs. Drummond, bankers, London; Dec. 8, Lord Hyde.

1765. Jan. 5, Messrs. Drummond.

Feb. 14, Lieut.-Gov. Wm. Bull.

Apr. 1, Lords of Trade; Apr. 2, Earl of Halifax; Apr. 22, Gov. Bull; Apr. 22, Lord Colville; Apr. 30, Gov. Pinfold of Barbadoes.

May 20, Gov. Francis Fauquier of Virginia; May 26, Welbore Ellis.

June 7, Col. Boyde; June 24, Lords of Trade.

July 16, Gov. Bull; July 31, Society for the Propagation of the Gospel.

Aug. 15, Lords of Trade.

Dec. 26, H. S. Conway.

1766. Jan. 3, Benj. Barrons; Jan. 27, Lords of Trade; also Feb. 1.

Feb. 13, Philip Stevens; Feb. 17, Benj. Barrons; Feb. 25, H. S. Conway, with copies of papers (pp. 52–64); also Mar. 3.

Apr. 5, Lords of the Treasury; Apr. 8, Samuel Wyley; Apr. 9, John Stuart; Apr. 28, Conway; Apr. 30, Lords of Trade.

May 3, B. Barrons; May 5, Gov. Bull; May 5, John Stuart.

June 14, Sir Henry Moore, Gov. of New York; June 14, Conway; June 15, Sir Wm. Johnson; June 17, Gov. Bull; June 17, B. Barrons; June 17, John Stuart.

July 18, Lord Chas. G. Montagu, Gov. of South Carolina; July 18, Lord Colville; July 19, Peter Timothy; July 29, Lord Barrington; July 30, John Stuart.

Aug. 1, Lords of Trade; Aug. 1, Marquis of Granby; Aug. 2, H. S. Conway; Aug. 2, Lords of Trade.

Mar. 3, Walter Sterling, Francis Fauquier, Gen. Murray, Gen. Gage.

Aug. 31, John Stuart.

Oct. 1, Rev. Daniel Burton; Oct. 6, Lord Bishop of London.

Nov. 15, Earl of Shelburne; also Dec. 3, 30.

Dec. 3, Lords of Trade; Dec. 5, Gov. Montagu.

1767. Jan. 12, Shelburne; also Jan. 31; Jan. 30, Lords of Trade; also Feb. 2.

Feb. 2, Shelburne; Feb. 16, John Stuart; Feb. 17, Samuel Wyley; Feb. 20, Peter Timothy; Feb. 28, Shelburne; also Mar. 7, 28.

Mar. 25, Francis Fauquier.

Apr. 11, Lord Barrington; Apr. 16, Gov. Montagu; Apr. 24, Peter DeLancey; Apr. 26, Lords of Trade; Apr. 30, Lord Bishop of London; Apr. 30, Rev. Dr. Burton.

May 20, John Stuart; May 23, Alex. Cameron, Agent of the Chewhees.

June 1, The Governor's talk with the Indians over the bounds of North Carolina and the Cherokee country; and their reply. June 2, John Mitchell; June 29, Shelburne, with a "View of the polity of North Carolina."

July 4, Shelburne; also July 5, 7, 8, 14, 15; July 15, Lords of Trade; July 16, Shelburne; also 17, 18, 20; July 18, Rev. Dr. Burton; July 20, Lords of Trade.

Oct. 31, Lords of Trade; Oct. 30, Shelburne; also Dec. 11, 12, 13, 22.

1768. Jan. 15, Bishop of London; also Feb. 12; Feb. 1, Shelburne; also Feb. 2; Feb. 2, Drummond & Co.; Feb. 12, Rev. Dr. Burton.

Mar. 5, Shelburne; also 7, 14, 21; Mar. 22, Peter DeLancey.

Apr. 9, John Blair; Apr. 12, Shelburne; also 25, 30.

June 10, Bishop of London; June 10, Rev. Dr. Burton; June 11, Hillsborough; also 12, 13, 14, 15, 16; June 16, Lords of Trade; also 17.

Oct. 9, Bishop of London; Oct. 25, Hillsborough; also 27.

Nov. 25, Lord Botetourt, Gov. of Virginia.

Dec. 11, Gov. Montagu; Dec. 12, Hillsborough; also 15, 24, 26.

1769. Jan. 10, Peter DeLancey; Jan. 10, Hillsborough; also 12, 15, Feb. 10, 11, 25, 27.

Mar. 20, Rev. Dr. Burton; also Sept. 23; Mar. 20, Bishop of London; also May 27; Mar. 28, John Stuart; Mar. 31, Hillsborough; also Apr. 24, 25, May 19, 27, July 3, 8, Aug. 2, Sept. 5, 15, 24, Nov. 22, 30, Dec. 1.

1770. Jan. 1, Hillsborough; also 8, 20, Feb. 20, Mar. 30, Apr. 10, 11, 12, 13, May 7, June 7, 8, July 2, Oct. 7, 20.

1771. Jan. 23, Hillsborough; also 31, Feb. 1, 5, 6, 10, Mar. 9, 10, 11, 12, 13, May 18, June 29, 30, Aug. 1 (battle of Alamance), 2; Dec. 11.

The second part of the volume contains copies of Minutes of Council, beginning Apr. 8, 1765, and ending June 29, 1771. The book is attested as an exact copy taken from the Council Journals, and signed, June 30, 1771, by Robert Palmer, Secretary.

5. "Account of the Siege of Worcester, 1646. Copied from Nash's History of Worcestershire, vol. ii., Appendix. Illustrating the brave conduct of Sir Henry Washington."

LXIX.

Washington to Lafayette, 1777–1798.

"I received this volume from Gen. Lafayette, Dec. 25, 1830. It consists entirely of letters from Gen. Washington to Gen. Lafayette, between the years 1777 and 1798. Copied under the direction of Lafayette at La Grange."

The dates of the letters, by years, are as follows: —

1777. Dec. 31.

1778. Mar. 10; May 17; Aug. 10; Sept. 1, 25; Oct. 4; Dec. 29.

1779. Mar. 8, 27; July 4; Sept. 12, 30; Oct. 20.

1780. Mar. 18; May 8; Oct. 30; Dec. 8.

1781. Apr. 21, 22; May 4; Nov. 15.

1782. Jan. 4; Oct. 20; Dec. 15.

1783. Mar. 23; Apr. 5; May 10; June 15; Oct. 12, 30; Dec. 4, 9.

1784. Feb. 1; Apr. 4; May 5; Dec. 8, 23.

1785. Feb. 15; May 12; July 25; Sept. 1; Nov. 8.

1786. May 10; June 8; Aug. 15; Nov. 19.

1790. June 2; Aug. 11.

1791. July 28; Sept. 10; Nov. 21.

1797. Oct. 8.

LXX.

Vermont Papers. "Papers relating to the intercourse between the inhabitants of Vermont and the British authorities in Canada, 1780–1782. Also concerning military operations in the West. Copied from the originals in the Royal Institution, London, 1844."

1780. Dec. 20. Quebec. Secret instructions of Gen. Haldimand to an agent appointed to confer with an agent from Vermont.

1781. Mar. 9. Ethan Allen to the President of Congress.

May. Isle-aux-Noix. Substance of what passed in a conference with Col. Ira Allen, between the 8th and 25th of May.

May. Queries suggested by [Ira Allen?] and answers thereto.

May 8. New York. Sir Henry Clinton to Gen. Haldimand.

May 11. Isle-aux-Noix. Col. Ira Allen's information respecting the State of Vermont.

May 15. Quebec. Capt. Mathews to a secret agent of Gen. Haldimand at the Isle-aux-Noix.

May 17. Quebec. Haldimand to a secret agent at Isle-aux-Noix.

May 21. Quebec. Mathews to secret agent.

May 22. [Isle-aux-Noix?] Secret agent to Maj. Lernoult (two letters).

Report of the party sent by the Commissioners to learn the report of the Rebel flag.

Intelligence from a spy.

June 20. Exeter, N. H. Gov. Meschech Weare to Samuel Livermore and John Sullivan, in Congress.

July 10. Sunderland. Ira Allen to Haldimand.

July 26. London. Lord George Germaine to Haldimand.

Aug. 2. New York. Gen. Clinton to Haldimand.

Aug. 2. Quebec. Haldimand to Clinton.

Aug. Extracts from letters of agents for negotiating with the people of Vermont.

Aug. 9. Lake Champlain, on board "Royal George." Joseph Fay to Haldimand.

Aug. 16. Quebec. Haldimand to A. and B.

Aug. 18. Philadelphia. Questions proposed by the Committee of Congress to the agent on the part of Vermont, with answers thereto.

Aug. 20. Resolve of Congress.

Aug. 29. Camp near the Ohio. A. Thompson and Alex. McKee to Maj. de Peyster.

Sept. 20. Skenesborough. Ira Allen and J. Fay to the agent of Haldimand. Queries from —— —— —— to the Commissioners, respecting their proposals and proclamations, etc., and their answers; these last signed by Allen and Fay.

Sept. 27 and 29. Quebec. Haldimand to Sir Henry Clinton.

Sept. 30. Secret agent to Capt. Mathews.

Oct. 1. Quebec. Haldimand to Clinton, with Proclamation.

Oct. New York. Clinton to Haldimand. Extracts from letters of Lord George Germaine to Clinton, from Jan. 1779 to Oct. 1781.

Oct. 2 and 3. Quebec. Haldimand to Clinton.

Oct. 27. Extracts concerning Vermont.

Nov. 2. Ticonderoga. Extracts concerning Vermont.

Nov. 6. New York. Letter.

Nov. 15. Quebec. Haldimand to Clinton.

1782. Jan. 2. London. Lord George Germaine to Haldimand.

Mar. 1. Intelligence.

Mar. 10. New York. Letter.

Apr. Secret agents of Haldimand to E.

May 22. Montreal. Haldimand to Clinton.

June 16. C. to Haldimand.

July 11. Quebec. G. to Haldimand. Concerning Gov. Skene.

July 28 and Aug. 7. Quebec. Haldimand to Sir Guy Carleton.

Aug. 17. Quebec. Haldimand to Shelburne.

Aug. 28 and Sept. 8. Quebec. Haldimand to Carleton.

Sept. 8. Quebec. Haldimand to Clinton.

LXXI.

"Selections from the Papers in the Council Chamber in Virginia. Selected in May, 1826."

1. Letters of the Committees of Correspondence in the American Colonies, from April, 1773, to May, 1775. Letters of the Committees in New York, Newport, Portsmouth (N. H.), Boston, Savannah, Connecticut, South Carolina, North Carolina, New Jersey, Philadelphia, Delaware, Maryland, Virginia.

2. Letters and Papers.

1776. July 22. Orders in Council.

1778. Dec. 12. Orders in Council. Instructions to Col. G. R. Clark.

1780. Dec. Letters of Washington and Greene to Jefferson; and of Jefferson to G. R. Clark.

1781. Jan. Steuben to Jefferson. Washington to Jefferson. Jefferson to Steuben; to Congress; to Greene; to Gov. Nash, Nelson, and Benj. Harrison. Circular of Council of Virginia.

Feb. Gen. Morgan to Jefferson. Jefferson to Gov. Nash, Greene, Col. Wood, Maj. McGill, President of Congress. Washington to Jefferson. Council of Virginia to P. H. Loyall. Greene to Jefferson and Steuben. Lafayette and Steuben to Jefferson.

Mar. Lafayette to Jefferson. Jefferson to Lafayette and Washington. Steuben and Greene to Jefferson. Washington, Morgan, and R. H. Lee to Jefferson.

Apr. Lafayette and Washington to Jefferson. Council of Virginia to Greene. Jefferson to Luzerne.

May. Jefferson to Washington, Lafayette, Prest. of Congress. Council of Va. to House of Delegates. Washington to Jefferson.

June. Steuben to Archibald Carey. Lafayette to Col. Davis, Gov. Nelson. Greene to Jefferson.

July. Lafayette to Nelson. Greene to Davis, Nelson.

Aug. Lafayette to Nelson, Wayne. Wayne to Lafayette, Nelson. Greene, Steuben, and Washington to Nelson.

Sept. Washington to Board of War. Greene to Nelson.

Oct. Washington to Nelson, Ephraim Blair. Lafayette to Nelson.

Nov. Washington to Nelson.

Dec. Gov. Harrison to Rochambeau.

1782. Gov. Harrison to Col. Armand, Prest. of Congress, Gen. Greene, Robert Morris. Washington to Harrison, Count Beniouski (with Beniouski's plan). Council of Va. to delegates in Congress, Robert Morris, Gen. Greene, Speaker of House of Delegates, Washington. Greene and James Madison to Harrison.

1783. Washington and Greene to Harrison. Council of Va. to delegates. Harrison to governors of States.

1784. Harrison to Col. Munro, Jefferson. Council of Va. to delegates, Jefferson. James Munro to Harrison. Washington to B. Randolph.

1785. Lafayette to P. Henry.

1786. Washington to Gov. of Va.

1789. Washington to Gen. Randolph.

1796. Washington to Gov. Brooke.

LXXII.

England and Holland. "Letters and Extracts from the Correspondence of Sir Joseph Yorke in Holland, from Jan. 1776 to Dec. 1780."

*** This transcript was made by H. Tuke Parker.

1776. *January.* The American vessel "Adventurer," Captain Samuel Shillaber, of Rhode Island, preparing to leave Amsterdam under Dutch colors.

March. Tricks here to cover contraband trade. Vessels loaded for Africa proceed to St. Eustatia, where rebel agents buy their cargoes. Powder sent to America.

April. Smuggling from Zealand to America. Correspondence of the rebels with the Dutch in St. Eustatia, through Isaac Van Dam, who has sent powder to Virginia. Yorke holds a conference with the deputies of the States General. Franklin's correspondence. An American ship at Rotterdam watched. Two such ships at Amsterdam. The government at Brussels had forbidden the exportation of arms, etc., to America.

May. A party of Americans from London watched. Col. Boyd, from New Hampshire, in Amsterdam. He has a passport from Congress. Murray and Breckenridge from Virginia. Boyd gone to Paris. Dutch merchants can afford to lose two cargoes of powder out of three, and then make large profits. It is shipped in tea-chests, rice barrels, etc. Isaac Lascelles Wynne, a Philadelphia Quaker, coming to buy powder. Letter from the Abbé Desnoyes relative to the Philadelphia Commission from Franklin. Conference with the deputies of the States General relative to the trade of St. Eustatia with the rebels. Dr. Hugh Williamson, a rebel agent.

June. Capt. Walton's arrest of the "Judith Aletta," Capt. Robert Patterson. Powder shipped to French ports.

August. Letter of Abbé Desnoyes to Vergennes. Interview with the Pensionary about the illicit shipments of powder, etc. Opinions of the Declaration of Independence.

September. The States General called upon to act more vigorously, and a mémoire presented to that purpose. Mackintosh transmitting minute

points of the Dutch Constitution to the Trans-Atlantic legislators.

October. The Pensionary orders new precautions. Answer to the English mémoire. The Dutch government issue a proclamation, which some people disregard. Terhorst intimately connected with the Philadelphia rebels. The Dutch government powerless to restrain the merchants of Amsterdam, so great are their profits. The source of difficulty is the Marine Treaty of 1674, — free ships, free goods. Commissioners of the Dutch to confer with the English ambassador. Necessity of bringing the Dutch government to a stricter discharge of their obligations to England.

November. Yorke writes: "My bastard brother ambassador, Deane, is at Amsterdam." The Amsterdamers have overstocked St. Eustatia. Alexander Foster at Amsterdam, and William Hodge at Rotterdam, the American agents.

December. English manufactures conveyed through Holland to America. Alexander *Forrest* was at Amsterdam. Hodge has departed. Carmichael said to be at Berlin trying to arrange a trade in tobacco. American produce comes to Amsterdam through French ports. The rebels "lose friends every day, which is the fate of those going down." The rebel trade is pouring into French and Spanish ports rather than into Dutch ports. American cruisers daily dropping into Bordeaux. Ships bringing tobacco. Rumors about Dr. Franklin.

1777. *February.* The Dutch governor still maintained at Eustatia after the English complaints. The Rebel flag saluted in the Dutch islands. England demands Gov. Van der Graef's recall. English cruisers directed to search all Dutch vessels going in and out of St. Eustatia for arms.

March. The English ambassador presents a memorial to the States General [it is in the *Annual Register*, 1777] demanding a categorical answer. It creates a stir. The loss at Trenton. Yorke calls Lee "the worst present the Americans could receive." American vessels saluted at St. Croix. Vessels from St. Eustatia bring American produce, part of it sold there by British cruisers, which had captured it. England revokes her orders respecting the seizure of Dutch ships. Goods find an American market from Rotterdam by way of Bordeaux.

April. A Dutch translation of Lind's rejoinder to the American Congress. The merchants of St. Eustatia complain of the stringent repressive measure of their governor; but Yorke believes the remonstrance originated in Amsterdam.

May. Negotiations with the Dutch government about "a piratical cruiser." Yorke's memorial to the government about the "Surprise," Capt. Cunningham, at Dunkirk, and the imprisonment of Cunningham. Lee at Berlin.

June. A ship, the "Friendship," Capt. Monro, from Charleston, S. C., arrived at Amsterdam, showing British colors, bringing two loyalists, Perroneau and Cooper, who go to London. The Brest fleet not going to sea. A communication appears in the Leyden Gazette, the joint work of Franklin, Dumas and Luzac.

July. Wickes, who took the vessels on the west coast, is said to have commanded the ship which brought Franklin to Europe. The trade of St. Eustatia and Martinico ruined by the English cruisers. Silas Deane going to Holland.

August. A plan is hinted at of the French to send ships, ostensibly to Martinico, but really to Canton, to destroy English shipping there. Captures in the West Indies. American released in the Spanish West Indies. One Tucker, a rebel, tells this to a spy of Yorke's.

September. The Amsterdamers are too powerful for the Dutch government.

October. A Surinam ship has been stopped and plundered by a rebel ship on its passage to Holland. The Amsterdam merchants granted an armed convoy for their ships bound to the West Indies.

November. The English funds rising on the news from Howe. Benjamin Sowden, a clergyman at Rotterdam, is sending tidings to Franklin in Paris. The rebel privateers unloading their cargoes into Dutch bottoms in mid ocean.

December. Dutch ships sail before the convoy is ready.

1778. *January.* Gov. de Graef to come home from St. Eustatia.

February. A strange ship building at Amsterdam. The Exchange at Amsterdam excited over the approaching rupture between France and England.

March. The trading towns hope their neutral position will give them large profits. The Prince of Orange warmly attached to Great Britain.

April. The question of increasing the armament of Holland. Reports of Franklin's purpose to assist France only in a commercial way. England can never permit the Dutch to be carriers of her enemies. John Adams, just arrived at Bordeaux, is made a raree-show.

May. The Dutch Gazetteers apologise for stating that Spain joined France in the alliance with America. The American agents in France communicate with the Dutch government, and it is concealed for a while from the English minister.

June. The refusal to receive an American agent in Vienna having a good effect in Holland. Yorke inserts an article on the matter in the Dutch papers. The Court of France displeased with that

of Spain, and supposes the conduct of the Spanish king to arise from the influence of his confessor, the enemy of France.

July. France intriguing in Holland.

August. French privateers entering Dutch ports with prizes. The Dutch promise to prevent it in future. The Treaty of 1674 an eternal stumbling block, in its free ships, free goods. Count Byland's conduct at St. Eustatia satisfactory to England.

September. The Dutch government urged by France to make demands for Dutch vessels seized by English cruisers. "This country is running headlong into a dependence upon the Court at Versailles." Amsterdam is violent against England. England orders no Dutch ship to be seized which has no naval stores on board. France warns Holland that they cannot respect the Dutch flag if England does not.

October. Complaints against England presented to their High Mightinesses. French emissaries inciting the people in Amsterdam. The ship "Indien." The French ambassador at Amsterdam. The American agents in Paris negotiating their bonds.

1779. *May.* The "noted American agent, Sayer, in Amsterdam"; received openly no where but at the house of John de Neufville.

June. Four American vessels lately arrived at Amsterdam, from Boston, via Philadelphia, bringing tobacco. Strange reasons for Spain's breaking with England.

July. The French ambassador feasts the masters and passengers of nine or ten American vessels now in Amsterdam.

October. Paul Jones' fleet at Texel. Yorke asks the Prince of Orange what action the Dutch government would take. Capt. Pearson writes to Yorke, who presents a memorial to their High Mightinesses. Attempts to arrest Jones. Jones abused in Amsterdam. The French ambassador at the Hague. The Dutch being puzzled, do nothing at all. The "Serapis" waiting to be repaired. Riots and attempts to escape among Jones' prisoners. Two French cutters are anchored near Jones' ship. The Danish government restore two English ships taken by Jones and carried into Bergen. Capt. Pearson without orders. The wounded in Jones' fleet cared for.

November. Yorke presses the Dutch government and presents another memorial. Pearson fearful of being sent to France. Yorke's memorial not complied with. Jones getting ready to sail. Resolutions of the States General. Cottineau in command of Jones' squadron. The British prisoners threaten to enter the American service. Jones commands the "Alliance"; Cottineau the "Serapis." Jones' prisoners to be exchanged for French prisoners in England. The prisoners on board the "Scarborough" rise. Cottineau's orders, Nov. 8.

December. The French ambassador discloses that Jones has a French commission. Pearson arrived at the Hague on parole. Negotiations for exchanging prisoners concluded.

1780. *February.* Disagreements between France and Spain. Rebel loan in Holland fails.

May. Hopes for Clinton's success.

June. Amsterdam acting in unison with the French ambassador. The Pensionary and Prince Louis of Brunswick sworn enemies. The fall of Charleston has staggered the rebel emissaries.

July. Franklin advising the Pensionary.

August. Adams gone to Amsterdam to negotiate for money.

October. Rodney's seizure of Dutch and American vessels in the West Indies. Americans leaving St. Eustastia. Capture of Laurens. The King of Sweden thinks nothing could be more dangerous to Europe than the independence of America. Great effect of Cornwallis' victory. The papers captured with Laurens producing effects in Holland, and open people's eyes to the intrigue of Amsterdam with the rebels.

November, A pamphlet appears from the Burgomasters of Amsterdam justifying their action. Debate in the States General. The English memorial made public, and causes alarm. Amsterdam pretends that the treaty discovered through Laurens' capture was only to be operative on the English acknowledgment of American independence. The States General disapprove the act of Amsterdam. John Adams quiet, but watched.

December. The notion generally prevails that a serious quarrel with England is impossible. Yorke presents a new memorial, to which an evasive answer is given. Stormont (Dec. 16) orders Yorke to quit Holland without taking leave.

LXXIII.

"Correspondence chiefly between the French and Spanish ministers concerning the American Revolution. Copied from the originals in the Archives des Affaires Etrangères, Paris." "This volume consists of duplicates of copies in the 1st and 2d volumes of my French Manuscripts." [See No. LXXX.]

Paper, Février, 1776, "sans signature, mais tout porte à croir qu'elle est de Mons. d'Aranda, embassadeur d'Espagne à Paris" (pp. 1–5).

Le Marquis de Grimaldi au Comte d'Aranda, 26 Fév. 1776 (pp. 6, 8).

De Vergennes à M. Turgot, 12 Mars, 1776 (p. 13). Considérations (p. 14).

De Vergennes à M. le Marquis d'Ossun, 15 Mars, 1776.

Other letters, memoirs, etc., to and from Grimaldi, d'Ossun, de Vergennes, d'Aranda, de Maurepas (ending p. 56).

For 1777, "Mémoire ou plan des mesures à concerter avec l'Espagne contre . . . l'Angleterre" (p. 57). Various letters. Paper "presenté au roi, 9 Jan. 1777" (p. 70). Letters from Florida Blanca to d'Aranda. "Mémoire sur la convenance dont-il peut-être pour la France et l'Espagne de faire la guerre à l'Angleterre. Communiqué au roi le 23 Juillet, 1777" (p. 122).

For 1778, Vergennes à Montmorin. "Mémoire lu au roi 7 Jan. 1778."

LXXIV.

"Correspondence of Charles W. F. Dumas, official agent for the United States in Holland during the Revolution. Copied from the originals in the Department of State."

This correspondence is in French. It begins with a letter, Philadelphia, June 24, 1777, addressed to Committee of Secret Correspondence. Copies of some of Dumas' letters to Franklin are included. Other documents are occasionally introduced, such as Mémoires, presented Sept. 7 and Dec. 7, 1778, by the French ambassador to the States General; his despatches to the American agents in Paris; papers resulting from the discovery of the league of Amsterdam with the Americans. The later letters are addressed to Livingston, Secretary of Foreign Affairs. Memorial sent by Dumas to Russia and Sweden. The last letter is June 23, 1783.

LXXV.

Letters, Memoirs, and Considerations on the American War, 1778–1780. By M. [Jean Louis] Favier. Copied from the originals in the Archives des Affaires Etrangères, Paris, 1831.

Favier to Vergennes, "sur les affaires d'Amérique," Mar. 18, 1778; also Apr. 17; a letter "written by Favier," called "du Comte d'Albany au Lord Bute, traduite de l'Anglais," Apr. 1778.

Vergennes to Favier, Apr. 22, "Mémoire rédigé par Favier. Considérations sur l'origine, la suite, la conduite, etc., le plus apparent de la guerre présente." Sparks endorses it: "The following memoir, written with ability, contains many fallacies and erroneous conjectures."

LXXVI.

"Letters from M. de Francy to Caron Beaumarchais. Copied from the originals in the possession of Beaumarchais' descendents, Paris, 1856. Francy was an agent for settling Beaumarchais' accounts in the United States."

Begins with one dated Portsmouth, N. H., Dec. 14, 1777, and ends with one written at Bordeaux, Sept. 2, 1780.

LXXVII.

"Correspondence of the King of Prussia, Frederick the Great, with his ambassadors in London and Paris, on American affairs, 1776. Preceded by Mr. Wheaton's correspondence with Baron Bülow. These copies were procured for me from the public offices in Berlin by Mr. Wheaton, the American minister at that Court, 1844."

Wheaton's letter to Bülow is dated at Berlin, Oct. 16, 1843, and the copy was sent to Mr. Sparks with one from Wheaton, Oct. 20, setting forth the difficulty of access to the Archives on the strength of Raumer's experience. Bülow's reply is dated Nov. 2, granting permission. Wheaton in transmitting it to Sparks (Apr. 10, 1844) says that he has sent "all they have thought fit to impart from the Prussian Archives relating to American Revolutionary Affairs," and he speaks of "the expression of the personal opinion of the great King as to the conduct of his royal brother of England towards the Colonies," adding that "this they have probably withheld from excessive delicacy."

Mémoire respecting the views of Frederick on American affairs. Schulenberg to the King, Nov. 30, 1776. The King to Baron de Goltz, Dec. 2, 1776. De Goltz to the King, Apr. 24, 1777. The King to de Goltz, May 22, June 7; to De Maltzan, June 20, 23, July 7, 14. De Maltzan to the King, July 4, Aug. 1; and others.

Paper by Stephen Sayre, giving anecdotes respecting the armed neutrality of 1780, showing the temper and jealousy of the British Court. Copied by William Duane, 1854, from the original in the possession of Wm. T. Duane.

John Q. Adams account of Elliot's statement in 1800 of the seizure of Lee's papers.

LXXVIII.

"Manuscript French Papers on the American Revolution." "This volume consists of papers selected by me in the Archives de la Guerre, and the Archives des Affaires Etrangères, in Paris, 1828," "relating to the diplomatic intercourse between France and the United States during the American Revolution."

1. "From the Archives de la Guerre." Letters of Baron de Kalb, from America, 1768, etc.

"Dialogue entre le Maréchal de Saxe et le Baron de Dieskau aux Champs Elysées" (p. 9). [This is translated in *N. Y. Col. Doc.* x., 340.]

Mr. Sparks adds: "This account of Dieskau's defeat appears to have been written by himself after his return to France. It is deposited among the Canada papers in the Depôt de la Guerre. From New York Dieskau was taken a prisoner to England. He lived sometime at Bath before he was entirely recovered of his wounds. He was exchanged at the peace of 1763 and returned to France. Our American histories commonly say that he was mortally wounded and died soon after the battle, which is a mistake."

"Relation du Combat du 9 Juillet, 1755." Letters of Dieskau. "Relation depuis le départ des trouppes de Quebec, quoiqu'au 30 du mois de Septembre, 1755" (p. 16). Lotbinière from Ticonderoga, Oct. 25, 1755. Notes on the campaigns of 1755, '56, '57, '58.

2. "Correspondence of Count de Rochambeau. Copied from the originals in the Departement de la Guerre, Paris, 1828."

Instructions to Rochambeau (p. 28) and secret instructions. Other instructions to the French officers. Letters to and from Rochambeau, 1780, 1781, 1782.

3. "The following papers were selected and transcribed by me from more than thirty volumes of manuscripts in the Archives des Affaires Etrangères in Paris, during the summer and autumn of 1828. All the manuscripts here mentioned relate to the American Revolution. General Lafayette and the Marquis de Marbois assisted me in obtaining from the government the permission to examine these papers, which was represented as a special favor. A cross (+) in the margin indicates that the paragraph is a literal translation. In the margin G. stands for Gérard; C. V. for Count de Vergennes; L. for Luzerne, — thus G. + C. V. means from Gérard to Vergennes; C. V. + L. from Vergennes to Luzerne, and so of others." Letter of Ferronnays to Marbois, respecting Mr. Sparks's request. "The parts of the leaves which are missing were cut out by the person appointed by the Minister of Foreign Affairs to examine my papers before they were taken from the Archives."

Translation of an extract of Pfeffel's Memoirs (p. 56). "See the whole of Pfeffel's Memoir in my French manuscripts, vol. I. p. 98."

Inducements for France to form an alliance with America.

Letters of Silas Deane. Outlines of a treaty between France, Spain, and the United States, drawn by Deane. Answer of the King to the American Commissioners' request for aid. Reflections on the American Colonies (Jan. 7, 1777).

Memoir in the handwriting of Silas Deane, but not signed by any person. Apr. 12, 1777 (p. 71) (copy).

Lafayette to Vergennes, Whitemarsh, Oct. 24, 1777, respecting an enterprise to the East Indies.

Proposals to set aside land in America, as security for the payment of foreign loans, — in the handwriting of Silas Deane (copy).

Anonymous letter from London, Dec. 19. 1777, to Dr. Bancroft, concerning a proposed treaty with the United States, in the handwriting of Gérard (copy).

Remarks of Lauzun, Dec. 15, 1777, on the affairs of America, and the course to be pursued by France.

Franklin to Hutton, relative to a proposition for peace with England (1778). Various letters of Franklin and Deane.

Proposition to Franklin for a treaty with England and Franklin's answer (July, 1778).

Account of Gérard's arrival in Philadelphia. Letters of Gérard. His remarks in the American Congress. Plans (Sept. 12) of coöperation with D'Estaing. Beaumarchais's supplies. Gérard's character of John Jay. Letters to Gérard. His letters on Florida and the Mississippi country. Truce proposed by the mediation of Spain, Feb. 1779. Gérard on the boundaries and fisheries, Mar. 1779. Plans for peace. Various letters from Gérard, largely upon the fisheries, the boundaries, and the Mississippi valley. Vergennes on the Alleghanies as boundaries. Relations with Spain. Luzerne's reception in Boston. Letters from Luzerne, 1780. Military instructions to Lafayette, Mar. 5, 1780, with additional instructions, Mar. 5. Luzerne and Lafayette. Dr. Franklin, June 24, 1780, on project of attack on the west of England. Luzerne, June, 1784, on the contemplation of a separate government by England in Carolina. Franklin to Vergennes, July 10, 1780, — the same printed in *Dipl. Corresp.* iii. 1780. Adams's correspondence with Vergennes, 1780. Vergennes to Lafayette, Aug. 7, 1780, on the capture of Charleston, S. C. Luzerne on the news of Izard, respecting the aid rendered by France. Ternay on the arrival of the French squadron at Rhode Island. Mme. Lafayette to Vergennes concerning Laurens (printed in *Dipl. Corresp.* iii.). Marbois, Oct. 1780, on the new instructions to Jay. Vergennes to Ternay, Dec. 1780, respecting military operations in America. Letter to Luzerne on Franklin and on Izard's intermeddling. Letter to Luzerne, Feb. 15, 1781, on money lent to the United States. Jay's instructions regarding Spain, etc. To Luzerne, Mar. 1781, plan of a mediation through Russia and Austria. Luzerne on parties in Congress. To Luzerne, Apr. 1781, on loans and mediation. Luzerne on debates in Congress respecting the pacification; and (June) on appointment of commissioners to negotiate peace. Adams's correspon-

dence on mediation. To Luzerne (July) on mediation. Sketches of various American generals, dated Aug. 3, 1781, including Washington, Gates, Schuyler, Sullivan, Greene, St. Claire, McDougal, Robt. Howe, Lincoln, Wayne, Maxwell, Huntington, Stark, Glover, Knox, Heath, Smallwood, Mifflin. To Luzerne, Sept. 7, 1781, on pacification; Oct. 7, on the instructions to the American plenipotentiaries; Oct. 8, on pecuniary succours to the United States; Dec. 24, on the capture of Cornwallis. From Luzerne, Jan. 1, 1782, on the fisheries and Sam. Adams; Feb. 27, on John Adams and Franklin. To Luzerne, Mar. 23, on preliminaries of peace; Apr. 9, on a separate peace with England. Franklin to Vergennes, Apr. 15, 1782, on Lord Cholmondely's visit. From Luzerne, June 14, 1782, on Guy Carleton's attempts in America for a separate peace. To Luzerne, on progress of the peace negotiations. Remarks on Mr. Oswald's powers to negotiate a peace, by Mr. Rayneval. Mr. Hartley's plan of a peace, with Franklin's remarks on it. To Luzerne, Aug. 1782, renewal of proposed mediation of Russia and Austria; Sept. 7, on Adams's negotiation in Holland. From Luzerne, Adams's negotiations in Holland. Memoir, Sept. 1782, by Rayneval, concerning the territory on the east of the Mississippi, between Florida and the Canada frontier. To Luzerne, Nov. 25, 1782, on the negotiations. Letters of Franklin and Vergennes. To Luzerne, Dec. 19, 1782, on the negotiations between the British and American Commissioners; Dec. 21, on Dr. Franklin and a new loan; Jan. 22, 1787, on the negotiations; Feb. 27, on the conclusion of peace. Letters of Dr. Cooper of Boston, May 5, 1783, to Dr. Franklin. To Luzerne, July 21, 1783, on the principles of the treaty; Sept. 7, remarks on the reports in America respecting the influence of France in regard to the treaty; Dec. 24, on the failure of Dana at St. Petersburg.

The volume closes with a letter in French, Paris, le 14 Oct. 1822, to the Comte d'Hauterrive, signed by Mr. Sparks, who appends this memorandum: "The preceding letter is the copy of one which I signed on taking the papers from the Archives des Affaires Etrangères in Paris. But I do not consider it, nor did I consider it at the time, as a promise on my part to refrain from publishing any of those materials which may be requisite to illustrate the history of the events to which they relate. It is intended rather as an act of courtesy to Count d'Hauterive, and a pledge on my part that I will not make any use of the papers which will compromise the keeper of the Archives, or any person connected with that department. Paris, Dec. 15, 1828."

*** Only the more important papers are above noted.

LXXIX.

French Papers. Relating to the American Colonies, 1766–1769. Copied from the originals in the Archives des Affaires Etrangères in Paris, and sent to me by Mr. Dewitt, 1858.

"Extrait de la correspondance de M. Durand, ministre de France à Londres, avec le duc de Choiseul sur les résultats de la mission de M. de Pontlevoy en Amérique." [See Franklin's works, VII. 357.] 1766–1767.

"Lettres écrites d'Amérique par le lieutenant colonel de Kalb au duc de Choiseul."

"Le colonel s'était embarqué à Londres pour l'Amérique, le 4 Octobre, 1767." The first letter is dated Jan. 15, 1768; the last at Paris, Oct. 8, 1768.

"Extrait de la correspondance de M. le Comte du Châtelet avec M. de Choiseul. 1768–1769."

"Note de l'abbé Delaville, Dec. 31, 1769."

LXXX.

"French Papers relating to the American Revolution. Copied from the originals in the Archives des Affaires Etrangères in Paris; selected by M. Bulos, 1831."

"The papers selected by M. Bulos extend to the 154th page of the third volume. All that follow were selected by myself."

A note from Guizot to Mignet, dated Paris, Dec. 13, 1840, gives leave to Mr. Sparks to make his examinations. "The preceding note," Mr. Sparks adds, "alludes to papers selected by me in the year 1841, contained in these volumes, beginning in the middle of the third volume and continuing through the others. Mr. Guizot is minister of foreign affairs and Mr. Mignet keeper of the Archives."

Vol. I. Paper showing the views of France and Spain towards England, supposed to be written by the Spanish ambassador in Paris (Feb. 1776), Count d'Aranda.

Letter of Marquis de Grimaldi and Count d'Aranda, Feb. 26, 1776. Vergennes to Turgot, Mar. 12, 1776, covering "Considérations" relative to the interests which France and Spain have in the troubles in America. Sparks adds: "Turgot wrote a long mémoire in reply. See *Œuvres de Turgot*, VIII. 434; for a part of the mémoire see Segur's *Potitique des Cabinets de l'Europe*, iii. p. 160.

Note of the Spanish ambassador on the conference, Apr. 28, 1776.

Correspondence of Vergennes, d'Ossun, Grimaldi, d'Aranda, in 1776.

Vergennes' report on the American war, read to the King, Aug. 31, 1776 (two copies).

Mémoire of Count d'Aranda, 1776.

"Considérations touchant la legitimité des secours que les Puissance Etrangères pouraient fournier aux colonies Anglaises en Amérique, Oct. 1776" (p. 98). "Copied from the original in the Archives des Affaires Etrangères, Paris, 1840."

"Considérations de la cour d'Espagne," 1776 (p. 116).

Mémoire ou plan des mesures à concertes avec l'Espagne contre les entreprises qui on peut supposer à l'Angleterre, 6 Jan. 1777" (p. 149). ("See answer to this memoir, p. 187.")

Correspondence in 1777 of Vergennes, d'Aranda, d'Ossun, Grimaldi.

Florida Blanca to Prince de Masseran, Feb. 26, 1777; to d'Aranda, Mar. 9.

"A memoir presented to the Court of France by the American commissioners in July or Aug. 1777, is contained in a pamphlet entitled *Remarks on the Rescripts of the Court of Madrid* (Library of Harvard College)."

"Mémoire sur la convenance dont-il peut-être pour la France et l'Espagne de faire la guerre à l'Angleterre, 23 Juillet, 1777, apprové par Sa Majesté" (p. 261).

"Mémoire de la Cour d'Espagne, servant de réponse à celui de la Cour de France, envoyé le 26 Juillet, 1777 (6 Août, 1777)" (p. 281).

Letters of Favre d'Annoy, de Villars, le ministre (New Orleans, 1777–1778).

"Relation exacte de l'irruption des Américains du Nord sur les terres de la Louisiane. Avril, 1778."

Letter of Favre d'Annoy, New Orleans, Feb. 13, 1780.

Vol. II. Letters (1778) of Vergennes, Montmorin, d'Aranda, Florida Blanca, Favier.

"Mémoire lu au roi, 7 Jan. 1778" (p. 9).

"Mémoire du ministère Espagnol à M. le Comte d'Aranda." Jan. 1778.

"Projet de réponse à faire aux différentes questions de l'Espagne, lu au roi et apprové par sa majesté, 28 Jan. 1778."

"Comte d'Albany au Lord Bute." Apr. 1778.

"Considérations sur l'origine, la suite, la conduite, le succes, et la résultat le plus apparent de la guerre présente, par Favier" (p. 248).

Vol. III. Letters (1778) of Vergennes, Montmorin, Favier.

At p. 155 Mr. Sparks has written: "The preceding papers of this collection were selected by M. Bulos in 1831. All that follow were selected by me in 1840 and 1841."

The selections made by Mr. Sparks begin with a letter of Montmorin to Vergennes, July 20, 1778.

Note from Florida Blanca, Aug. 11, 1778, to the French ambassador (p. 159).

"Exposé des motifs de la conduite du Roi réla-

tivement à l'Angleterre" (corrected by Vergennes and sent to Montmorin, Aug. 15, 1778 (p. 170).

"Observations sur la dernière réponse de l'Espagne et son ses dispositions actuelles," Aug. 1778.

Letters between Vergennes and Montmorin, 1778.

Remarks of Florida Blanca on the manifesto, Aug. 28, 1778.

"Plan de Paix, 17 Oct. 1778."

"Projet des conditions de la Paix, 17 Oct. 1778."

Florida Blanca to Vergennes, Nov. 20, 1778.

"Traduction de la Déclaration confidentielle de la Cour de Madrid à celle de Versailles, le 20 Nov. 1778" (p. 243).

"Traduction de l'écrit adressé par le Roi Catholique à la Cour de France, 20 Nov. 1778."

"Écrit envoyé au Comte de Montmorin, 24 Dec. 1778."

"Réponse à la Déclaration confidentielle de la cour d'Espagne, 24 Dec. 1778."

"Réflexions sur la position actuelle des choses," marked "la fin de 1778"; but Mr. Sparks corrects it, "1780?"

Vol. IV. Letters of Vergennes and Montmorin, 1779.

"Mémoire au Roi par M. de Vergennes, 1779."

"Écrit de la cour d'Espagne à celle de France, 26 Fév. 1779."

Lord Weymouth to lord Grantham, Mar. 16, 1779.

"Réponse à l'ecrit de l'Espagne du 26 Fév. sur le projet de jonction des flottes Française et Espagnole et sur une expédition contré l'Angleterre. Mar. 19, 1779."

"La lettre particulière de M. le Comte de Floride Blanche à M. le Comte de Vergennes, Avril 2, 1779."

"Dépêche secrete de M. le Comte de Floride Blanche (3 Avril, 1779), à M. Almodovar," also "Dépêche ostensible."

"Convention secrète entre la France et l'Espagne, du 12 Avril, 1779."

Weymouth to Grantham, May 4, 1779.

Florida Blanca to Vergennes, May 17, 1779.

"Déclaration faite à Londres par le Marquis d'Almodovar, 28 Mai, 1779." (Cf. *Annual Register*, 1779, p. 359.)

"Réflexions" on a truce proposed by Spain between France, the United States, and England, Mar. [?Mar.] 1779.

"Lettre écrite aux ambassadeurs d'Espagne, 21 Juin, 1779" (p. 112).

"Ordres expediés au ministre de la guerre concernant la reception des vaisseux de Guerre français et Américains, 29 Juin, 1779."

Weymouth to Almodovar, July 12, 1779. "Réponse du Lord Weymouth, 13 Juillet, 1779."

Florida Blanca to Count Kaunitz, Aug. 30, 1779.

Luzerne, Philad., Oct. 10, 1779, to Montmorin.

"Mémoire donné par Kaunitz to comte de Floride Blanche, Nov. 16, 1779." "Réponse de le comte Floride Blanche, Nov. 29, 1779."

"Modifications proposées par la cour de Madrid au langage que celle de Versailles doit-faire tenir à Petersbourg à l'occasion de la médiation, 26 Jan. 1780."

Letters of Vergennes and Montmorin in 1780 (p. 188, &c.).

"Réponse de sa majesté catholique sur la communication qu'elle a donnée au Roi des ouvertures de paix faites par l'Angleterre, 9 Mai, 1780."

Luzerne (Philad. 12 Mai, 1780) to Montmorin.

Vol. V. Luzerne to Montmorin (Philad. 11 June, 1780), and later ones.

Letters of Vergennes and Montmorin, 1780–81, with some by Florida Blanca, Kaunitz, d'Aranda.

"Mémoire sur la mediation, 18 Août, 1780."

Barbe Marbois to Montmorin, Oct. 13, 1880.

"Note du Ministère Espagnol rélativement aux propositions des médiateurs, 15 Mai, 1781."

"Projet de Réponse, le 6 Juillet, 1781." "Observations sur le projet de réponse."

"Convention entre le Comte de Grasse et Don Francis Sanvedra" [July 21, 1781].

"La seconde réponse de la cour d'Espagne aux propositions des cours médiatrices, 6 Août, 1781."

Vergennes to Franklin, 23 Aug. 1781.

"Note de la part d'Angleterre, 6 Nov. 1781." "Réponse." "Réponse verbale de la part d'Angleterre."

"Écrit des cours médiatrices remis en Nov. aux Puissances Belligerantes, 6 Nov. 1781."

"Observations sur la réponse de la cour de Londres, 21 Nov. 1781."

"Projet de Réponse de l'Espagne aux cours médiatrices, 26 Nov. 1781."

Vol. VI. Réponse du Roi d'Espagne aux cours médiatrices, 14 Jan. 1782."

Letters, dated in 1782, of Vergennes, Montmorin, Florida Blanca, Luzerne, Comte de Grasse, Comte d'Aranda, Lord Grantham, Rayneval.

"Projet de réponse à communiquer M. North, 18 Mars, 1782."

"Mémoire sur les affaires d'Amérique, 18 Avril, 1782," by Lafayette.

"Réponse des cours impériales."

"Observations relatives à la pacification, 22 Juin, 1782."

"Mémoire sur les limites des États-Unis, Juillet, 1782."

"Projet de Préliminaires remis les 17 Août, 1782, par M. le Comte de Grasse comme le resultat de ses conversations avec M. le Comte de Shelburne."

"Articles proposés par le Roi á la cour de Madrid, 6 7^{bre}, 1782."

"Instructions à M. de Rayneval, 6 Sept. 1782."

Between pages 115 and 227 are copies at length of papers, and inserted at p. 227 are extracts in Mr. Sparks's handwriting, to which Mr. Sparks has added this note: "The preceding extracts are appended to a letter written by M. Rayneval to Mr. Monroe, dated Paris, Nov. 14, 1795. On comparing them with copies which I took from originals in the office of foreign affairs in Paris, I find that they are not exact copies. In several parts the substance only is given, in language different from that of the original, but the sense is essentially retained. These extracts are taken from a copy of the letters furnished by Mr. Monroe to Madison, and are now among the Madison Papers in the possession of Mr. Rives. Aug. 19, 1859."

"Peche de Terre Neuve."

"Note confidentielle, 16 Sept. 1782."

"Observation sur la réponse de la cour de Londres, 21 8^{bre}, 1782."

"Précis des propositions à faire a la cour de Londres, 6 Oct. 1782."

"Proposition de M. l'ambassadeur sur l'Espagne, 6 9^{bre}, 1782."

"Instructions pour le S^{r} Gérard de Rayneval, 19 Nov. 1782."

"Réponse aux propositions de l'ambassadeur d'Espagne, 4 Dec. 1782."

"Mémoire, Dec. 1782."

LXXXI.

Papers of M. Gerard, French Minister in the United States, 1778–1779. Copied from the originals in the Department of State at Washington; translated and printed in the 10th vol. of the Diplomatic Correspondence.

Begin Mar. 28, 1778, and end Apr. 17, 1778.

LXXXII.

"Correspondence between Count de Vergennes and the French Minister in Holland, respecting the affairs of the American Revolution. Copied from the originals in the Archives des Affaires Etrangères in Paris, — partly in the year 1832, and partly in 1841. Also extracts from three letters to the French Ambassador in Russia in the year 1781."

1. "Holland, 1776–1777–'82."
2. "Russia" (p. 96).

LXXXIII.

Correspondence [translated] between the Abbé Desnoyers and Count de Vergennes, and other papers, relating to the American Revolution and the attitude of Holland, 1776–1781.

Abbé Desnoyers to Vergennes, Apr. 16, 1776.

Letter from London, Sept. 10, 1776.

Diplomatic paper, addressed to the States General of Holland, Oct. 1, 1776. Return by the Register of the Resolutions of the States General, Oct. 10, 1776; Mar. 21, 1777.

The Governor of St. Eustace to President Greathead, Dec. 28, 1776.

Vergennes to the Duke de Vauguyon, Jan. 23, 1777, and later letters.

Vauguyon to Vergennes, Jan. 24, 1777, and later letters.

Governor of St. Eustace to the West Indian Company, Jan. 28, 1777.

Minister of Foreign Affairs to the Duc de Vauguyon, June 21, 1778, to Apr. 13, 1781.

Vauguyon to Vergennes, Apr. 21, 1781, and later.

Vergennes to Vauguyon, May 6, 1781, and later.

Vergennes to Marquis de Virac, Apr. 7, 1781, and later.

LXXXIV.

Copies of Letters from Lafayette to Washington, and to other persons, during the American Revolution. Sent to me by Lafayette, 1829.

The first paper is followed by the following note in Mr. Sparks's handwriting. "The above remarks were dictated by General Lafayette in the year 1829, when this volume was copied under his eye, and from the originals in his hands.

"*Translation of extracts from Lafayette's letter to me.*

"The letters contained in this volume have been copied from the originals. They contain many faults of the copyist, which Mr. Sparks will be able to rectify by the other papers in his hands and by his own judgment; but there are likewise many faults of language, since Lafayette could only learn English progressively. . . . There will be found also the names of informers who communicated intelligence of the enemy. It is superfluous to say that all such names ought to be left blank, or with only the initials. These persons or their children may yet be found under English influence."

Mr. Sparks adds: "It must be remembered that when Lafayette came to this country he was but twenty years old and was not acquainted with the English language. He told me that he applied himself to the language on the voyage, and made such progress as he could. But he had afterwards little time for a regular and classical study of English. Circumstances required him to write the language very soon, and before he could pretend to a knowledge of it. These facts explain the constant and sometimes extreme inaccuracies of style which occur throughout this volume."

Lafayette's letters to Major-General Sullivan and to Major-General Baron de Steuben.

Those to Sullivan bear dates Bristol, 8 o'clock P.M.; Whitemarsh, Nov. 1; Saybrook, July 28, 1778; Aug. 1; Rhode Island, Aug. 24; Sept. 4; Bristol, Sept. 5; Warren, Sept. 23; Boston, Sept. 28.

Those to Steuben: —

Morristown, Feb. 24, 1781; Philadelphia, Feb. 26; Head of Elk, Mar. 3; York, 14th; Annapolis, Apr. 4; Fredericksburg, Apr. 25; Bowling Green Tavern, Apr. 27; Osborn's, May 10; Milton, May 17; Gold Mine Creek, May 29; Mataponi Church, June 3; Mechunck Creek, June 13; June 15; Col. Dandridge's house, June 18; June 22; Head-Quarters, July 10; July 12; Malvern Hill, July 23; Head-Quarters, July 25; Richmond, Aug. 3; Pomunky, Aug. 9; Montock Hill, Aug. 13.

Letters to Washington: Morristown, Jan. 7, 1781; Pompton, Feb. 23; Morristown, Feb. 24, 25; Philadelphia, Mar. 2; Elk, Mar. 3 [this letter refers to the power given to him to open letters, and on the copy in Lafayette's handwriting, is this endorsement: "This was a most flattering mark of confidence; having been empowered to open not only public but private letters"]; Mar. 7, 8; York, Mar. 15; Williamsburg, Mar. 23, 25, 26; Elk, Apr. 8, 10, 11, 12; Susquehanna Ferry, Apr. 13, 14; Baltimore, Apr. 18.

[Upon this last copy Lafayette endorses in his own handwriting: "Note. Some details have been given elsewhere relative to the admirable conduct of the Light Infantry, forming the corps sent to Virginia, under circumstances the most deplorable. Since the day when they were officially apprised, they had great difficulties and dangers to encounter, and a superior enemy to combat. Not one instance of desertion took place; and although a want of harmony between them and the southern people had been anticipated, they and the Virginia militia lived together in perfect mutual amity and confidence. They also lived on the best terms with the Pennsylvanians, when they had joined the army."]

Alexandria, Apr. 23; Bottom's Creek, May 4 [Lafayette in his own hand annotates this letter thus: "The Pennsylvanians were the soldiers who had lately revolted. There was a sort of enmity between them and the New England troops. The former were mostly Irish. But no difficulty of the kind took place. They lived in perfect harmony during the campaign."] Richmond, May 8; Camp Wilton on James River, May 17, 18; Richmond, May 24; Camp between Rappahannock and North Anna, June 3; Brock's Bridge, June 16; Allen's Creek, June 18 [this letter is endorsed in Lafayette's handwriting respecting Steuben: "We must be tender of the good Baron's fame; and if a publication takes place, give an extract rather than a

full length letter, saying only that in a private letter I expressed dissatisfaction]; June 28; July 8; Malvern Hill, July 20, 26, 30, 31; Aug. 1; Pamunkey, Aug. 6; New Kent Mountains, Aug. 11; Forks of York River, Aug. 21; Mattapony, Aug. 24; Williamsburg, Sept. 8, 10; Before Yorktown, Sept. 30; Oct. 16; Nov. 29; Frigate "Alliance," off Boston, Dec. 21.

Correspondence of Count Florida de Blanca and Lafayette, Feb. 1783.

LXXXV.

"Lafayette Papers, relating to the American and French Revolutions. These copies were sent to me by General Lafayette in the year 1829."

"The remarks prefixed to each part and the marginal notes were dictated by Lafayette."

I. Correspondence and Papers relating to the American Revolution.

"Envoi à M. Sparks par le paquebot du 20 Novembre aux soins de M^r. Low."

"No. 1. Correspondance au Dépôt des Affaires Etrangères."

Memoranda by Lafayette.

The first letter is one to Vergennes, dated "Au Camp de Whitemarsh, 24 Oct. 1777." The last is dated Paris, "le 17 Mars, 1787."

II. "Correspondence and Papers relating to the French Revolution."

"2^eme Cahier pour M^r. Sparks. . . . Contenant des copies de lettres au département de la guerre" (p. 166).

Note by Lafayette.

The first sixty-five pages of this part refer, notwithstanding the heading of the section, to the American Revolution, and contain: —

Résultat de la conversation de Rochambeau avec Lafayette.

Rochambeau à Lafayette, Newport, 16 Juillet, 1780.

Lafayette à Rochambeau, Philadelphia, 19 Mai, 1780; à Rochambeau et Ternay, 28 Mai; à Rochambeau, Des Hauteurs de Springfield, 20 Juin; à Rochambeau et Ternay, Preakness, 9 Juillet; 15 Juillet; Dobbs' Ferry, 9 Août; Rochambeau à Lafayette, Newport, 12 Août; Lafayette à Rochambeau et Ternay, 18 Août; Rochambeau à Lafayette, 27 Août; Lafayette à Rochambeau, 28 Août; Sept. 7 et 13; Oct. 8; Rochambeau à Lafayette, Newport, 4 Sept.; Lafayette à Rochambeau, 26 Sept.; Ségur à Lafayette, 5 Sept. 1782; Lafayette à Ségur, 20 Nov. (p. 68).

The letters of the French Revolution are dated 1792.

The volume closes with a letter of Lafayette to Count De Grasse, Mar. 13, 1782.

LXXXVI.

"Lafayette Papers. These copies were sent to me by General Lafayette in the year 1829."

These papers are all in French. They begin with a statement by Lafayette respecting the destruction of his papers during the Reign of Terror, including his correspondence with Congress, Washington and other Americans; but a Mémoire on the years 1777 and 1778 was saved, except the opening papers, which are supplied from another copy, and the whole then follows (pp. 1–28), with notes appended (pp. 29, etc.) from the Journals of Congress, with letter of Laurens and Lafayette's reply (1778); of Washington, Oct. 6, 1778; Lafayette, Oct. 13; resolutions of Congress, Oct. 21; letters of Laurens, Oct. 24; Lafayette, Oct. 26; resolutions of Congress, Oct. 27.

Letters from America, 1777 and 1778 (pp. 35–50), which had been copied by Lafayette's wife for Docteur du Brueil.

Dernières paroles de Lafayette à son aide-de-camp, L. R.

Letters of 1793 to Madame Lafayette and others; other letters in 1794.

"Déclaration (p. 117) rémise par Lafayette le 26 Juillet, 1793 [?1797], à M. le Général M^is de Chateler," with appended papers.

Addresse des Citoyens Américaines rémise à Hambourg, présentée par leur Consul à Lafayette, le jour de son arrivée d'Ollmutz, 4 8^bre, 1797 (in English). Signed by G. Williams and Geo. Toy. Lafayette's reply (in English).

"Observations sur la guerre de la Révolution Américaine et particulièrement sur le Général Lafayette. Envoyé par le paquebot du 20 9^bre aux soins de M. Low. Ces Observations ayant été écrites avec exactitude et franchise par une personne [Lafayette] bien instruite de toutes ces circonstances, et ayant été specialment demandées par M. Sparks, nous croyons devoir les lui envoyer (pp. 111–135).

"Campagne en Virginie du Général de Layfayette en 1781" (pp. 136–145). Another heading is, "Précis de la Campagne, 1781, pour servir à l'intelligence de la Carte."

"Collection de quelques pièces et Souvenirs relatifs aux années 1789, 1790, 1791. C'est a dire à la durée de l'Assemblée Constituante" (pp. 148–174).

"Recueil de quelques pièces et Souvenirs, relatifs à l'année 1815" (pp. 176). *Nothing follows this heading.*

Divers lettres (p. 178). Signed by Ségur; Vergennes (1782); Alex. Hamilton (1798); Lafayette (to Washington, 1798); Lawrence Lewis (Mount Vernon, 1801); Hamilton (to the editor of the *Evening Post*, 1802); Lafayette (no date).

Quelques idées sur la réponse à faire à la lettre d'un Français à un Américain (p. 194).

Collection de quelques pièces et souvenirs, relatifs à l'intervalle entre ma sortie du prisons coalitionaires et ma restrée en France. 1797. (p. 210)

Recueil de quelques pièces et Souvenirs, relatifs à l'année 1815. (p. 263)

LXXXVII.

Letters from General Lafayette to General Washington during the American Revolution. These copies were sent to me by General Lafayette, 1832.

These letters are in English and are dated as follows: Haddenfield, Nov. 26, 1777; Camp, Dec. 31; Valley Forge, Dec. 31; without place, Jan. 5, 1778; Flemingtown, Feb. 9; Albany, Feb. 19; no place, Feb. 23; Albany, Feb. 27; Mar. 20 (in Congress); Mar. 25; Valley Forge, May 15.

Remonstrance of officers in Woodford's brigade about the oath of allegiance.

Lafayette to Washington, Cranberry, June 25; June 26; Brunswick, July 2; Frankfort, July 25; Saybrook Ferry, July 28; Providence, Aug. 6; Tiverton, Sept. 1; Bristol, Sept. 3; Warren, Sept. 21; Sept. 24; Boston, Sept. 28; Philadelphia, Oct. 24; on board the "Alliance" at Boston, Jan. 11, 1779; near Rochefort, June 12, 13; Havre, Oct. 7; Boston Harbor, Apr. 27, 1780; no place, July 4; Peekskill, July 10; Newport, July 15, on the arrival of the French.

Ternay, ce 16 Juillet, à bord du Duc de Bourgoyne, à Rochambeau. Rochambeau, New-port, ce 16 Juillet.

Lafayette to Washington, Danbury, July 21, 1780; Hartford, July 22; Lebanon, July 23; Newport, July 26; July 29; July 31; Aug. 1, 14; Light Camp, Sept. 2; New Bridge, Oct. 7; Oct. 12; Elizabethtown, Oct. 27; Oct. 28; Oct. 30; Woodbridge, Nov. 7; Light Camp, Nov. 8, 11, 13, 14, 18, 19; Camp near Totowa, Nov. 27 (to Luzerne); Paramus, Nov. 28; Philadelphia, Dec. 4, 5, 9, 13, 16, 19, 26.

LXXXVIII.

"Letters from Lafayette to Washington. Copied from the originals and sent to me by Geo. W. Lafayette."

Under 1782 there are twelve to Washington and two to the President of Congress. The rest are all to Washington, and come under 1783, 1784, 1785, 1786, 1787, 1788, 1790, 1791, 1792.

Appended is a list of Lafayette's letters, 1778–1797, endorsed by Sparks, "Lafayette's letters to Washington, in the Department of State, among Washington's Papers."

LXXXIX.

Letters from Lafayette. Copied from the originals.

They begin Sept. 13, 1792, and end Sept. 5, 1798; and are addressed as follows: —

To Thomas Pinckney (with letter from Pinckney, Sept. 14, 1792).

Mad. Lafayette to the King of Prussia; to William Short.

Letters from the Gouverneur Morris papers to Mad. Lafayette, etc.

To Gouverneur Morris, 1793 (translated), from Noailles; others from Mad. de Lafayette; Chavagnai.

Gouverneur Morris to Mad. d'Ayen; to Thomas Pinckney.

Noailles Lafayette to Gouverneur Morris.

Letter of A. Masson. [Sparks adds: "I believe this Masson was one of the persons who escaped with Lafayette and was released."]

G. Morris to Washington, July 25, 1794; to Mad. de Staël [printed in *Life of Morris*], and the Marchioness de Montagu (1797).

Letters to and from Noailles de Tessé (1797).

Noailles de Lafayette to Morris.

Lafayette to Washington, 1797, 1798.

XC.

Letters of M. de la Luzerne, minister from France to the United States. Copied from the originals in the Department of State at Washington, translated and printed in the tenth volume of the *Diplomatic Correspondence of the American Revolution*.

The papers cover 1778–1787.

XCI.

Papers relating to the discoveries of Cavalier de la Salle in America. Copied from the original manuscripts in the Public Offices of Paris.

A map, — Les Costes aux Environs de la Rivière de Misisipi, découvertes par M[r] de la Salle en 1683, et reconnues par M[r] le Chevallier d'Iberville en 1698, et 1699, par N. de Fer, geographe de Monseigneur le Dauphin, 1705.

1667. Du Ministre à M. Duchesneau.

1670. Talon au Ministre.

1671. Ministre à Talon.

1672. Talon au Ministre.

Lettre de Frontenac.

1674. Le Roy à Frontenac.

Frontenac au Lac Ontario.

Mémoire des motifs de faire arrester M. Perrot.

Information faicte par Charles le Tardieu, etc.

1675. Le roy à Frontenac.

Frontenac au Ministre.

Mémoire pour l'Entretien du Fort Frontenac par le S^r de la Salle.

Lettres patentes de concession du Fort du Frontenac.

Arrest que accepte les offres faites par La Salle.

Lettres de noblesse pour le S^r de la Salle.

1676. Le roy à Frontenac.

Procès-verbal touchant le prix des Castors.

1678. Permission au S^r de la Salle de découvrir la parte occ^le de la Nouv. France.

Mémoire sur M. de la Salle.

Histoire de M^r de la Salle.

1679. Robert Cavelier, S^r de la Salle à François Dauphin, S^r de la Forest, etc.

Frontenac au Roi.

Duchesneau, Quebec, Nov. 10.

1680. Declaration par Moyse Hillard.

Voige de la Salle à la Rivière Mississipi [translated in the English edition of Hennepin].

1681–82 (?) Procès-verbal de voyage de M^rs René le gardeur, etc.

1681. Le Roy à Frontenac.

Testament de S^r de La Salle.

Frontenac au Roy, avec Mémoire par Duchesneau.

Relation des découvertes et des voyages de la Salle en 1679, 1680, et 1681.

1682. Procès-verbal de la prise de possession du pays des Akansa dans la Louisiane.

Procès-verbal de la prise de la Louisiane à l'embouchure de la mer ou Golfe du Méxique.

Instruction au S^r de la Barre.

Une lettre du Père Zenoble.

Une lettre de la Barre.

1683. De la Salle, Fort St. Louis, 2 Avril; Portage de Chicagou, 4 Juin, à M. de la Barre.

Le Roy à M. de la Barre.

1684. Fort Frontenac, Avril. Mémoire pour rendre compte à Seignelay de l'État où le S^r La Salle a laissé le fort Frontenac pendant le temps de la découverte. [Sparks adds, "Evidently written by La Salle soon after his return to France in the year 1684."]

Le Roy à M. de la Barre.

Seignelay au S^r de Meules.

Le Roy au S^r de la Salle.

Commission pour le S^r de la Salle.

Le Roy à M. de Meules.

Commissions du S^r de Tonty et autres.

Lettre du S^r de Beaujeu, à la Rochelle, le 30 Mai.

Mémoire touchant les depenses que le S^r de la Salle à faites au fort Frontenac.

Mémoire de ce que a ésté accordé au S^r de la Salle.

Resumé des lettres de Canada, 1684.

Mémoire pour representer à Seignelay la nécessité d'envoyer le S^r de la Forest en diligence par la Nouvelle France.

Mémoire du S^r de la Salle sur l'enterprise sur une des provinces du Méxique.

Mémoires de S^r de la Salle pour rendre compte à Seignelay de la découverte qu'il a faite par l'ordre de la Majesté.

Le Roy à M. de la Barre.

Lettre de M. de Beaujeu dans l'ile St. Dominique, ce 20 8^bre.

Rapport de M. le Chev. de Callières.

1685. Procès-verbal du S^r de la Salle sur le naufrage de la flute L'Aimable à l'entrée du fleuve Colbert, 1^er Mars, 1685.

Le Roy au S^r de Meules.

Mémoire sur les missions du Canada.

Le ministre à Mgr. le Cardinal d'Estrées.

1686. Lettres présentés concernant le Canada.

Mémoire du roy à Denonville.

Lettre du Ministre à Tonty.

Instructions de Champigny.

1687. À M. de la Forest au fort St. Louis.

1688. Le Roy à Denonville.

1689. Mémoire du roy à Denonville.

1689 (?) Mémoire sur la proposition à faire par les R. Pères Jesuites pour la découverte des environs de la rivière du Mississipi.

1690. Relation de la mort du S^r de la Salle, 1^er Mars, 1690.

Lettre du Ministre à Champigny.

Arrest qui conforme les concernons faites en Canada par Denonville et Champigny, 1688–1689. À Versailles le 14^mo Juillet, 1690. Registre des expeditions du Canada, 1690.

Arrest qui conforme les concessions faites en Canada du Denonville et Champigny, 15 Nov. 1688, jusqu'àu 15 Oct. 1689. Lettres patentes.

Tonty à Pontchartrain.

1691. Le Roi à Frontenac.

1692. Mémoire du roy à Frontenac et Champigny.

1693. Mémoire du roy à Frontenac et Champigny.

Facsimiles of signatures of Tonty, Frontenac, Duquesne, and Iberville.

Mémoire envoyé en 1693, de la découverte du Mississipi par le S^r de Tonty.

1694. "Jacques Gravier's letter from the Illinois country, 1694; copied from the original in the Bibliothèque du Roi, Paris, 1841. Sent a copy of [it] to Mr. John G. Shea, of New York, 1853. He has since published the letter."

Mémoire du roy à Frontenac et Champigny.

1695. Mémoire du roy à Frontenac et Champigny.

1696. Mémoire du roy à Frontenac et Champigny.

1697. Lettre de M. de Louvigny, à Québec, le 14 Oct. 1697.

Mémoire pour continuer la découverte des mines dans la Méxique.

1698. Lettre du ministre à Frontenac.

1699. Mémoire du roy aux S^rs de Callières et de Champigny.

Mémoire du roy aux S^rs de Callières et Champigny.

1700–1702. Mémoire du roy aux S^rs Callières et Champigny.

1704. Mémoire du roy aux S^rs de Vaudreuil et de Beauharnais.

1700 (?) [La Salle.] Découverte du Fleuve du Mississipy.

1701. Mémoire du roy aux S^rs de Callières et de Champigny.

Estat de ce qui est du par le feu S^r Cavelier de la Salle.

1702. Mémoire du roy au S^r de Callières.

1704. Lettre de Mr. Beauharnais à M. de la Forest.

1729. Petition de Madame de Tonty, à Québec, le 25 Oct.

XCII.

Correspondence between the Count de Montmorin and the Count de Vergennes. 1778–1782.

Unbound, but tied in five packages and marked ii. to vi. — no. i. wanting.

Vol. ii. begins with a letter from Madrid, Jan. 5, 1778, and includes, beside the letters of Montmorin and Vergennes, a "Memoir read to the King, Jan. 7, 1778, and sent to Spain the next day"; "Memoir of the Spanish Ministry to Count d'Aranda, Jan. 13, 1778"; "Project of answers given to the different questions, read to the King and approved by his Majesty, Jan. 28, 1778"; Letters of Count d'Aranda and Count de Florida Blanca; Favier to Vergennes.

Vol. iii. begins with a letter from Vergennes at Versailles, Apr. 24, 1778, and includes "Reflections on the conduct to be observed with regard to Spain in the present circumstances"; "Observations concerning the last reply of Spain, Aug. 1778"; "Translation of the paper addressed by the Catholic King to the Court of France, dated Escurial, Nov. 20, 1778"; "Reply to the confidential declaration from the Court of Spain, Dec. 24, 1778."

Vol. iv. begins Jan. 12, 1779, with a letter of Montmorin, and includes "A memoir to the King by Count de Vergennes"; "Extract of the despatch sent to the Marquis d'Almodovar, Pardo, Jan. 20, 1779"; "Extract from Lord Weymouth's despatch to Lord Grantham, Mar. 16, 1779"; "Concerning the project of a junction of the French and Spanish forces, and an expedition against England, Mar. 19, 1779"; "Count de Florida Blanca to Vergennes, Mar. 29, 1779"; "Private despatch of Florida Blanca to the Marquis d'Almodovar, Apr. 3, 1779"; and the ostensible despatch, "Secret Convention between France and Spain, Apr. 12, 1779"; "Lord Weymouth to Lord Grantham, May 11, 1779"; "Memoir given by Count de Kaunitz to Florida Blanca, Nov. 16, 1779."

Vol. v. begins with a letter from Luzerne to Montmorin, Philadelphia, June 11, 1780, and includes "Note written by the hand of Florida Blanca, June 22, 1780"; "Despatch from M. de Normandez, Chargé d'Affaires from Spain to St. Petersburg, June 24, 1780"; "Memoir concerning the mediation, Aug. 18, 1780"; "Florida Blanca to Count d'Aguilar, at Vienna, Feb. 5, 1781"; "Note from the Spanish ministry relative to the propositions of the mediators, May 15, 1781"; "Plan of reply, July 6, 1781"; "Note from England delivered by the Russian Chargé d'Affaires, Nov. 6, 1781," with replies A. and B.; "A paper from the mediatorial Courts delivered in November to the belligerent powers, Nov. 6, 1781"; "Observations concerning the reply of the Court of London, Nov. 21, 1781."

Vol. vi. begins with the reply of the King of Spain to the mediatorial Courts, Jan. 14, 1782, and includes, "Lafayette, memoir concerning the affairs of America, Paris, Apr. 18, 1782"; "Instructions to M. de Rayneval, Sept. 6, 1782"; "Conference of M. de Rayneval with the English ministers, Sept. 13, 1782"; "Confidential note, Sept. 16, 1782, concerning the means of forwarding the preliminaries of peace"; "Propositions from the embassador of Spain, Nov. 6, 1782"; "Instructions for M. Gérard de Rayneval, Nov. 15, 1782"; Letters of Vergennes and Rayneval.

*** The main portions of these volumes are the correspondence of Vergennes and Montmorin.

XCIII.

"Wallenstein's Manuscripts."

1. Sketches of a diplomatic history of the American Revolution, by Jules de Wallenstein, and other manuscripts. These are the originals given to me by M. de Wallenstein. He did not pursue the project of the history. M. de Wallenstein was for several years attached to the Russian legation in the United States. He had previously been connected with the Russian legation in Spain. After leaving the United States he was Consul-General from Russia in Brazil and resided at Rio Janeiro." The MS. "Written 1830," begins "1776, Chapter I.," is in French, covers pp. 1–

103, and is in M. de Wallenstein's own handwriting.

2. "Remarks on the causes and principles of the Alliance between France and the United States. 1778. By Jules de Wallenstein. A valuable paper." In French, pp. 116–150.

3. "Annals of the Insurrection of the Spanish Colonies and the Contemporary History of the Mother Country. Translated from a memoir drawn up by M. de Wallenstein. Translated, 1826." Covers the period from 1780 to 1817.

XCIV.

"Journal of a tour in the United States by a Frenchman, 1777. Copied from the original in the Bibliothèque du Roi, Paris, 1841."

It is called: "Voyage au Continent Américain par un Français en 1777, et reflexions philosophiques sur les nouveaux républicains."

XCV.

Spanish Papers. In two volumes.

Vol. I. Correspondence of the Marquis de Grimaldi, Count de Florida Blanca, and Count de Aranda, during the period of the American Revolution. Copied from the originals in the Public Archives of Madrid. 1854.

"Copies of Papers sent by Don Pascual Gayangos from Spain, 1854."

1776. Grimaldi to Aranda (5 letters). Copia de la carta del General [Charles] Lee, May, 1776 (p. 55). Copia de la repuesta se Unzaga á Don Carlos Lee, Nueva Orleans, 4 de Setiembre, 1776 (p. 58). Unzaga á Galvez, 7 de Set. 1776; 30 de Set. 1776. Galvez á S^{r} Gobernador de la Luisiana, 24 de Diciembre, 1776.

1777. Grimaldi to Aranda (6 letters). Vergennes to Ossun (2 letters). Florida Blanca to Aranda (2 letters); to Vergennes (1 letter). Memoir by Florida Blanca.

1778. Florida Blanca to Aranda; to Almodovar; to Vergennes. From the Court of Spain.

1779. Florida Blanca to Aranda (2 letters) and Vergennes (1 letter).

1780. Spanish minister in Russia.

1781. Florida Blanca to Aranda (2 letters). Normande to Florida Blanca. Aguilar to Kaunitz; to Normande; to Florida Blanca (2 letters). Florida Blanca to Normande; to Aguilar (2 letters); to de la Torre (2 letters).

Articles, etc.

Observations verbales.

Remarks on the articles.

1782. Florida Blanca to Aranda.

Vol. II. Dictamen del S^{r} Muzquiz, á 2 de Feb. 1777.

Dictamen del S^{r} Castejon, á 3 de Feb. 1777.

Dictamen del S^{r} Richa, á 3 de Feb. 1777.

Al Conde de Aranda, Paris, 27 de Setiembre; 23 de Oct. 1777.

Memoria hecha por España y remitida á Francia, 17 de Oct. 1777.

[Aranda to Florida Blanca, Dec. 13, 1777.]

Al Conde de Aranda, 13 de Enero; 19 de Enero, 1778.

Apuntacion hecha para leer en la Junta de Señores Ministros, el dia 22 de Enero de 1778.

Al Conde de Aranda, 26 de Enero; 31 de Enero; 1 de Feb.; 2 de Feb.; 6 de Feb.; 9 de Marzo; 16 de Marzo; 19 de Marzo; 24 de Marzo; 9 de Abril; 19 de Abril, 1778.

Montmorin á Vergennes, 20 de Abril, 1778. Vergennes á Montmorin, 5 de Mai.

Al Conde de Aranda, 11 de Mayo; 18 de Mayo, 1778.

Estrait de la lettre de M. le Comte de Vergennes á M. le Comte de Montmorin du 31 Juillet, 1778.

Al Conde de Aranda, 4 de Agosto; 25 de Agosto; 26 de Agosto, 1778.

Minuta del Manifiesto, 28 de Agosto, 1778.

Al Conde de Aranda, 29 de Set. 1778.

XCVI.

Spanish Papers from Simancas, 1776–1780.

"Correspondence of the Marquis de Grimaldi, Count d'Aranda, and Count Florida Blanca, during the period of the American Revolution. Copied from the originals in the Royal Archives of Simancas, in Spain, 1855."

"List of the Papers obtained from the Royal Archives in Simancas, 1853."

1776. Grimaldi to Aranda (4 letters); Aranda to Grimaldi (3 letters).

1777. Aranda to Grimaldi.

1778. Aranda to Florida Blanca (9 letters); Florida Blanca to Aranda (4 letters).

1779. Florida Blanca to Aranda.

1780. Florida Blanca to Aranda.

XCVII.

Miralles and Rendon, American Revolution, 1778–1780.

I. Original letters of Juan de Miralles to Josef de Galvez; dated at Charleston, S. C., Feb. 13; Mar. 9; Aug. 13, 20, 24; Sept. 3, 12, 22, 26; Oct. 20; Dec. 28, 30, 1778; Jan. 22, 23, 29, 30, 1779.

II. Original letters of Francisco Rendon, 1780, to Galvez. Philadelphia, May 21, 30; July 25, 29, 30; Aug. 4, 7, 8, 10, 14, 15, 18, 20, 22, 23, 24, 26, 28; Sept. 3, 5, 10, 12, 16, 21, 22, 25, 28; Oct. 2, 8, 12, 16, 20, 24, 26, 29; Nov. 7, 9, 10, 11, 12, 15, 18, 20, 24, 25, 30; Dec. 3, 6, 22, 25, 27, 30.

XCVIII.

Papeles varios de America. 17 vols.

Vol. I. Letters, with enclosures, of Joseph Antonio Rengel to Joseph de Galvez and to the Marques de Sonora, dated at Chihuahua, 1785, 1786, and various official reports.

Vol. II. Letters of Francisco Rendon to Galvez, dated at Philadelphia, 1780, 1781.

Vol. III. Instructions of the King of Spain to the Governor of Nueva Viscaya, Sonora, Cinaloa, and California, etc. Mexican papers of 1768, 1769, 1770, 1771, 1774, 1776, 1777. Index of documents, 1777.

Vol. IV. Mexican papers, 1776, 1777.

Vol. V. Mexican papers, 1777, 1778.

Vol. VI. Mexican papers, 1779.

Vol. VII. Mexican papers, 1779–1781.

Vol. VIII. Mexican papers, 1782, 1783.

Vol. IX. Correspondence of the Governor of Nicaragua, etc., 1743–1750.

Vol. X. Same, 1751–1757.

Vol. XI. Spanish American papers, 1732–1785.

Vol. XII. Same, 1725–1751, with map of the island of Roatan, 1744.

Vol. XIII. Same, 1739–1762.

Vol. XIV. Same, 1752–1784.

Vol. XV. Same, 1746–1782.

Vol. XVI. Same, 1782, 1783.

Vol. XVII. Same, 1784–1786.

XCIX.

"Papers relating to the early settlements of Louisiana. Copied from the originals in the Public Offices of Paris."

Lettre sur le Mississipi, 14 Oct. 1697.

Mémoire pour servir d'instruction au S^{r} de Savolle command't au fort de Maurepas [4 May, 1699].

Lettre du Ministre à M. Ducasse, 5 Avril, 1700.

Mémoire du Roy aux S^{rs} de Callières et de Champigny, 5 Mai, 1700; 31 Mai, 1700.

Réponse de M. d'Iberville au Gouverneur de Pensacola, 3 Jan. 1702.

Lettre de M. de la Salle. La Mobile, 1 Avril, 1702.

Mémoire de M. d'Iberville sur le pays du Mississipi, 20 Juin, 1702.

Mémoire de M. d'Iberville sur Pensacola.

Lettre de M. de la Salle. Fort de la Mobille, 11 Dec. 1702.

Mémoire surquoy il faux des ordres pour la Louisiane.

La Louisiane [Aug. 31, 1704].

Denombrement de chaque sorte de gens qui composent la colonie de la Louisiane du 12 Août, 1708.

Lettre de M. de la Salle. Fort de la Louisiane, 16 9^{bre}, 1708.

Abregé de la lettre de M^{r} Robert, 26 Nov. 1708.

Mémoire du S^{r} Crozat pour la levée des troupes pour la Louisiane, 1714.

Voyage du S^{r} St. Denis, parté de la Louisiane pour la découverte de la rivière rouge et du Méxique par les terres, 2 Jan. 1716.

Mémoire sur la colonie de la Louisiane, 11 Feb. 1716.

Lettre du Conseil de Marine aux S^{rs} de la Motte Cadillac et Duclos, 15 Fév. 1716.

Mémoire sur la Louisiane par le S^{r} Crozat [1717].

Mémoire sur la colonie de la Louisiane (1717) par le S^{r} Hubert.

Ordonnance qui permet à la Compagnie d'occident d'etablir une colonie à la baye St. Bernard, 16 Nov. 1718.

Lettre de M. Benard de la Harpe, à l'isle Dauphin, 1 May, 1720.

Au Biloxy, le 4 Oct. 1721. [Bienville and others.]

Lettre de M. Simars, au Biloxy, le 6 8^{bre}, 1721.

Lettres de M. de la Salle, 1708, 1725.

Mémoire sur la Louisiane [1730?].

Mémoire . . . sur les terres situes dans le nord du Golfe du Méxique [1736].

Projet de paix et d'aliance avec les Cannecis en 1753.

Lettre de M. John Stuart, Mobile, 17 8^{bre}, 1764.

C.

Letters, etc.

1. Letters of Don Francisco Rendon from May 10, 1780, to Dec. 30, 1780, at Philadelphia, to his Excellency Señor Don Josef de Galvez. Translated from the original lettres by Henry Ware, Sept. 1857.

2. Letters of Juan de Moralles, Feb. 13, 1778, to Jan. 30, 1779. [Translated by Henry Ware.] These letters are written a few from Charleston; but mostly from Philadelphia.

3. Extracts from the Historia del Reinado de Carlos III. in España por D. Antonio Ferrer del Rio. [Translated by Henry Ware.]

4. Extract from the article "El Conde de Aranda" in the *Revista Española de Ambos Mundos, Mayo de 1855.* [Translated by Henry Ware.]

5. Succinct Memoir, 1781. Translated from the Spanish. Operations of Galvez in Louisiana and Florida, 1781–1782. [Translated by Henry Ware, 1857.]

CI.

Memoria Sucinta, etc. "Copied from a manuscript in the possession of M. Ternaux-Compans, Paris, 1843." This is the original text, of which a translation is given in Vol. C.

CII.

Spanish Papers. Feb. 2, 1777, to Feb. 6, 1778. Translation [by Henry Ware].

Opinion of S^r^ Muzquiz, Counsellor of State, at El Pardo, Feb. 2, 1777, upon the expediency of entering into alliance with the American Congress, and immediately declaring war against Great Britain.

Opinions of S^r^ Castejon; of S^r^ Ricla.

Letters of Count de Aranda, Paris, Sept. 27, 1777; to the same, Oct. 23.

Memorial made by Spain and sent to France, Oct. 17, 1777.

Aranda to Florida Blanca, Dec. 13, 1777.

To the Count de Aranda, Jan. 13, 1778; Jan. 19.

Memorandum made to be read in the Council of Ministers, on Jan. 22, 1778.

To the Count de Aranda, Jan. 26, 31; Feb. 1 2, 6.

Count de Aranda to Marquis de Grimaldi, Paris, Oct. 10, 1776; Fontainebleau, Oct. 18; to Florida Blanca, Feb. 23, 1778; Mar. 23, 1778; Mar. 27; of Florida Blanca to Aranda, May 11; Aug. 7.

To Count de Aranda, Mar. 9, 1778; Mar. 16, 19, 24; Apr. 9, 19.

From Count de Aranda, Paris, May 18, 1778; Aug. 4, 26.

To Count de Aranda, Aug. 25; Sept. 29.

CIII.

Dutch Papers. 1775–1783. In 7 volumes.

Vol. I. Historische Documenten betraffende de Amerikaansche Zaken van de jaren 1775 en 1776, afgeschreven naar de originelen in het Ryks Archief te 'sGravenhage.

1. Resolutien van de Staaten-Generaal der Vereenigde Nederlanden, over de Amerikaansche Zaken, ao. 1775.

Translation of the same: Resolutions of the States-General of the United Netherlands concerning the American affairs, A.D. 1775.

2. Ingekomen Brieven by de Staaten-General der Vereenigde Nederlanden, over de Amerikaansche Zaken, ao. 1775.

Translation of the same: Received despatches by the States-General of the United Provinces of the Netherlands concerning the American affairs, A.D. 1775.

3. Resolutien van de Staaten-Generaal der Vereenigde Nederlanden, over de Amerikaansche Zaken, ao. 1776.

Translation of the same: Resolution of the States-General of the United Netherlands concerning the American affairs, A.D. 1776.

4. Ingekomen Brieven by de Staaten-Generaal der Vereenigde Nederlanden, over de Amerikaansche Zaken, ao. 1776. [With English translations.]

5. Secrete Resolutien van de Staaten-Generaal der Vereenigde Nederlanden, over de Amerikaansche Zaken, ao. 1776.

6. Letter of the Director of the State Paper Office of the Netherlands to H. C. Murphy, Feb. 20, 1858, respecting the above copies from the Archives.

Vol. II. Historische Documenten . . . van den jare, 1777.

1. Ingekomen Brieven.
2. Resolutien.
3. Letter of the Director to H. C. Murphy, Mar. 27, 1858.

Vol. III. Historische Documenten, 1778.

1. Ingekomen Brieven.
2. Resolutien.

Vol. IV. Historische Documenten, 1779.

1. Ingekomen Brieven.
2. Resolutien.

Vol. V. Historische Documenten, 1780.

1. Ingekomen Brieven.
2. Resolutien

Vol. VI. Historische Documenten, 1781.

1. Ingekomen Brieven.
2. Resolutien.

Vol. VII. Historische Documenten, 1782, 1783.

1. Ingekomen Brieven, 1782.
2. Resolutien, 1782.
3. Ingekomen Brieven, 1783.
4. Resolutien, 1783.

CIV.

Verrazzano's Letter to the King of France, 1524. Copied from the original in the Magliabechian Library, in Florence. Procured by Mr. Edward Everett [1841].

Memoir relating to New Sweden, sent from Stockholm [1835]. Extrait historique sur la Colonie Nova Suecia en Amérique septentrionale.

"Copie d'une carte de l'ingénieur Lindström, représentant Le Siège de la ville de Christina-Hamn et de son Fort par les Hollandais en 1655." "Copy made from the original in the Archives at Stockholm by J. F. Bahr, 1835. C. Hughes."

Map of Delaware river and bay. "Cette copies est calquée sur cette qui se trouve chez Campanius." "From the original in the Archives. Copy made by J. F. Bahr. Stockholm, 4 December, 1835. C. Hughes."

Lettres de J. F. Bahr, Stockholm, ce 29 Nov. 1835 (Nov.; 6 Dec.) à Monsieur Christophe Hughes, Chargé d'Affaires des États-Unis de l'Amérique septentionale.

CV.

"Life of Captain John Smith. Copied from the original in the Lambeth Library, London, at my request, 1833." [By H. Warton.] Bibliotheca Lambethana, MS. no. 592. Vita Johannis Fabricii Militis Angli. Scripta, anno 1685. In Latin.

APPENDIX.

*** The following enumeration is of other collections of manuscripts in Harvard College Library, not belonging to the Sparks Collection, — all relating to American history.

CVI.

The Manuscripts of Arthur Lee.

*** A Calendar of these has been printed separately as Vol. I., No. 8, of the *Bibliographical Contributions of the Library of Harvard University* (Cambridge, 1882).

CVII.

Letters of Thomas Gage.

*** This volume was given to the Library in 1848 by Rev. Wm. B. Sprague, D.D., of Albany. It covers Gages' letters from 1759 to 1773, and they are all in his handwriting. The first is dated at Fort Stanwix, Aug. 16, 1759, addressed to Lieut. Coventry at Albany; next follow letters from Oswego, Aug. 30, Sept. 12, Oct. 2, 1759, to Col. Bradstreet; and from Montreal, Oct. 14, 1762, to the same. A letter, Feb. 6, 1763, also addressed to Col. Bradstreet, and written from New York, comes next; and the rest of the series to Bradstreet, Dep.-Q.-M.-General, down to Oct. 18, 1769, is addressed from that city. A series then follows addressed to Sir Wm. Johnson, beginning at New York, Jan. 12, 1763, and ending May 11, 1773.

CVIII.

The Papers of Samuel Tucker, Commodore in the Navy of the American Revolution. In six volumes.

*** These papers were received, Aug. 1844, from Com. Tucker's daughter, Mrs. Hinds, and Col. S. T. Hinds, her son. They were used by John H. Sheppard in writing his *Life of Commodore Tucker*.

Vol. I. 1774–1779. Accounts, bills of lading, etc. of voyages to Spain, to Charleston, S. C., London, etc. 1774, 1775, in brig "Young Phoenix," owned by Jeremiah Lee of Marblehead, Mass.

Feb. 1776. Letter of Jonathan Glover to Tucker respecting his cruise for prizes in the armed schooner "Franklin," with other papers concerning these marine captures in 1776.

Printed orders of Congress, Oct. 29, 1776, respecting the naval service.

Nov. 13, 1776. Statement of Nicholas Martindale, commander, and George McCree, owner of cargo, respecting the capture of the "Lively" by Tucker in the "Hancock."

Copy of Tucker's commission, Mar. 19, 1777, to command the frigate "Boston," from John Hancock, President of Congress; with instructions, Dec. 27, 1777, from Wm. Vernon, J. Warren, and John Deshon, members of the Navy Board of the Eastern Department. Various papers relating to his cruises in the "Boston." Further instructions, Feb. 10, 1778, to convey John Adams on the "Boston" to France.

Instructions (Mar. 1778) to Hezekiah Welch, prize-master of the "Martha."

Mar. 11, 1778. Tucker to the Navy Board in Boston; another letter, Apr. 1.

Apr. 13, 15, 19, 1778. Passy. Letters to Tucker from Franklin, Lee, and Adams.

Apr. 29, 1778. John Adams to Tucker.

Papers at Bordeaux, Apr. and May, 1778.

Signals determined upon at sea (with Capt. Murray).

July 5, 10, 15, Aug. 5, 1778. Letters of J. D. Schweighauser, Continental Agent in Nantes.

Tucker at Port Louis.

Nantes, July 7, 13, 1778. Abraham Whipple to Tucker, about cruising in company.

Letters of M. Livingston, Paris, 1778.

Letter of John Robert Selby, Bellisle, July 10, 1778.

Mark Pringle, July 13, 1778, requests passage to America.

July 22, 1778. Passy. Letter of Franklin, Lee, and Adams.

Sundry accounts against the "Boston," 1778.

On board Continental frigate "Providence," Aug. 24, 1778, orders signed by A. Whipple, Sam. Tucker, and Thomas Simpson to prize-master

Joseph Proctor, of captured brig "Sally"; and Sept. 15, orders similarly signed to prize-master William Atkins of captured snow "Adventure."

Sept. 27, 1778. Agreement of Whipple, Tucker, and Simpson to cruise on the banks of Newfoundland.

Port charges (bills) Liverpool and London.

Code of Continental navy signals.

Muster-rolls of frigate "Boston."

Parole of John Ashley, prisoner.

Whipple to Tucker.

Accounts of Tucker with the United States.

Warren and Vernon, Navy Board, orders, Boston, Apr. 6, 1779, to Tucker, to cruise with the "Boston" and "Providence."

British Commission to the "Patsy" as a letter-of-marque, dated New York, May 4, 1779.

Permit to go to sea of brig "Boyd," May, 1779, by the commander of the "Daphne" in New York, &c.

Wm. Whipple, Marine Committee, New York, June 25, 1779, to Tucker.

John Wharton and James Read, Navy Board, Philadelphia, June 16, 25, 1779, to Tucker.

Joseph Reed, President of Pennsylvania, June 2, 1779, to James Montgomery, putting him and his vessel under the orders of Tucker.

Samuel Nicholson, on the "Deane," Old Kiln Road, June 28, 1779, to Tucker, asking for a conference.

1779. July 23. John Carter, agent of Virginia.

The "Deane" at Hampton Roads.

Commission of letter-of-marque for armed brigantine "Dolphin," issued by Robert Cutherwood, British Admiralty Judge at St. Augustine, Florida.

Return of gunner's stores, ship "Boston."

Book of orders for ship "Boston," Samuel Tucker, Esq., 1779–[1780].

Ship "Boston's" order book, 1780.

Vol. II. 1779–1797.

1779. Remarkable observations on board the "Boston." [Log-book.]

List of officers and seamen of the "Boston."

Nov. 9. Wm. Vernon and J. Warren's orders to Tucker to proceed to Newbury and convoy the State ship, under Capt. Williams, to Boston.

Nov. 20. Same to Abraham Whipple, orders to command the fleet, — "Providence," "Boston," "Queen of France," and "Ranger"; and others to Tucker of even date.

Nov. Articles for the brig "Dolphin."

Nov. Whipple's instructions to Tucker.

Copies of signals done on board ship "Boston," 1779.

Signals to be observed.

1780. At Charleston, S. C. Letters of Tucker. Whipple, Gen. Lincoln, Gov. Rutledge (blowing up lighthouse), Gen. Moultrie.

Return of provisions in the "Boston."

Tucker's parole as prisoner, May 28, 1780.

Letters of Duncan Macpherson and others, July–Nov. 1780, on the exchange of prisoners.

1781. Jan. Tucker's leave for six months to cruise against the enemy in private service, when he takes charge of ship "Thorn" for W. R. Lee & Co. Letter of Elbridge Gerry, as owner of a thirty-second of the vessel. Accounts with Lee & Co. Invoices of goods captured by the "Thorn." Capture of the British ship "Hind." Certificate, July 26, 1781, of Sir Wm. Young, Captain of the "Hind," as to Tucker's humane character. Tucker's letter to Sir Andrew S. Hammond (Halifax) about his treatment as prisoner, and the reply of H. Turnbull. Commissary for naval officers.

Bill of sale of one half of the vessel, a "Shaving Mill," called the "Hero," to Tucker from Peter Geyer, Dec. 1781.

Register granted to Wm. R. Lee for ship "Cato," Dec. 29, 1781. Countersigned by John Hancock.

Bills of outfit, etc. of the "Hero."

Tucker's account with the agent of the captors in the "Thorne," May, 1782; and of those of the "Hero," Sept. 1782.

John Foster, Admiralty Court, Providence, Oct. 1782, judgment for the division of the captures of the "Scammel" and "Hero." Letters appertaining.

1783. Tucker's account with ship "Sanana."

Perez Morton and the "Hero."

Tucker to John Meader, London, Nov. 17.

1784. Nathaniel Tracy, Boston, Jan. 30, and ship "Cato."

Pay-roll of the "Cato"; and papers relating to her voyage.

Letter to E. Gerry relating to the settlement of Tucker's accounts; and Gerry's reply, Annapolis, June 5.

Letters of Benj. Bourne, Nath. Tracy.

Letters of Tucker to Nath. Tracy.

Printed circular of Benj. Tetard and John Lee, Boston.

Bill of lading, ship "Betsy," with letter of Francis Bradbury.

Clearance of the "Cato" at Portsmouth, July 26, 1784.

Tucker, St. Domingo, to Capt. David Coats.

1785. Samuel Eliot and the "Hind."

Transactions on board the ship "Henrietta," Jan. and Feb.

Tucker's letters and papers while in command of the "Cato."

Log of brig "Active" from Lisbon to Beverly.

1787. Tucker to Gen. Knox, and Knox's reply.

1790. Tucker to John Adams and to Gen. Knox, asking to be appointed to the command of a federal cutter.

Letters to Thomas Jefferson and Alex. Hamilton on the same subject, and Hamilton's reply; and other letters respecting the failure of Tucker's application.

1791. John Adams to Tucker on the same topic.

1796. Tucker on the death of his only son, Elias.

1797. Tucker to his children on the death of his son.

Vol. III. 1806–1847.

Tucker, Jan. 1806, to the President on his services; and his petition to Congress, Dec. 1806, for the settlement of his accounts, and letters respecting his claims.

1810. Petition of inhabitants of Bristol (Maine) to Congress, and to Gov. Gerry; and the call of the committee appointed to inquire into the disturbances in the County of Lincoln.

1812. Papers of Tucker's renewed petition to Congress for a consideration for his services in the Revolutionary War, with papers appertaining.

Printed "Additional instructions to the public and private armed vessels of the United States," signed by Jas. Monroe, Secretary of State.

Agreement of men to serve under Tucker in the sloop "Increase."

1813. Tucker to John Binney.

1814. Tucker on the liability of Bristol to an attack.

1816. Tucker's further petition to Congress for relief, with a letter of John Adams on the subject, and other papers, including a letter from B. W. Crowninshield, Secretary of the Navy.

1817. Albion K. Parris to Tucker on the pension bill passing the House of Representatives; and letters of Tucker on his claims.

1818–19. Gamaliel Bradford to Tucker about lands in Bristol.

Voters in Bristol.

1819. James Gardner on his son, Dr. John F. Gardner.

Tucker on service in the frigate "Boston." Mentions that all her papers were burned in Washington. About one Oliver Jillson.

Letters to Tucker asking information to establish claims for revolutionary service of those who served under him.

1820–21. Benj. Homans on Tucker's pension, and the failure of his petition to Congress. His new petition, with other letters appertaining.

1822. Tucker's efforts for his grandson, with letter of John Chandler, Mark L. Hill, and others.

1823. Lighthouse on Monhegan.

Genealogy of Capt. Joseph Tucker.

1824. Information about Lieut. James Knowles.

Pension for John Vickery of Marblehead,

1825. John Paine on Tucker's recollections of the Revolutionary War.

1829. Benj. Rice to Tucker, asking a certificate of his service in the Revolutionary War.

1830. M. Shaw on a biography of Tucker.

Various applications to Tucker for certificates of the services of different applicants for pensions.

1832. A published letter by Tucker on the presidential election, opposing Jackson.

Newspaper scraps about Tucker.

Vol. IV. Log-books, etc.

1. Account of stores in U. S. frigate "Boston," 1779.

2. Log of ship "Sanana," Portsmouth to London, 1783.

3. Log of ship "Caroline," London to Baltimore, 1783.

4. Log of ship "Cato," Portsmouth to the West Indies, 1784; Martinico to Hispanola, then bound for Virginia, being wrecked on the passage, Jan. 1785.

Vol. V. Fragment of letter-book, 1778.

Vol. VI. Journal on board U. S. frigate "Boston," Feb. 11 to Oct. 9, 1778. John Adams was a passenger, bound to Europe on diplomatic service.

CIX.

Dictionary of the Abnaki Language, by Father Sebastian Rasles. The gift of Middlecott Cooke of Boston, in Oct. 1764.

Printed in the *Memoirs* of the American Academy of Arts and Sciences, new series, vol. i. (1833), under the supervision of John Pickering, LL.D.

The first page begins: "1691. Il y a un an que je suis parmi les sauvages, je commence à mettre en ordre en forme de dictionaire les mots que j'apprens."

Then follows in a later hand: "Taken after the fight at Norridgewalk among Father Ralle's papers and given by the late Col. Heath to Elisha Cooke, Esq^r." To which another adds: "A mistake. It was brought away with Rasles' strong box at an attempt to surprise Norridgewock before the fight."

CX.

Manuscripts in the Delaware language, presented to the public library of the University at Cambridge by Honorable Ebenezer Lane of the Class of 1811, late Chief Justice of the State of Ohio.

*** The above is the inscription on a trunk containing the following manuscripts :—

1. Zeisberger, David. Indian Dictionary, English, German, Iroquois [Onondaga], and Algonquin [Delaware].

Mr. Everett has written in pencil in the volume: "A dictionary in four languages, viz. English, German, Onondaga, and Delaware. The English and Onondaga appear to be in one hand; the German is in another, Luckenbach's; the Delaware, I believe, in Zeisberger's."

The MS. has been printed under the title: *Zeisberger's Indian Dictionary, English, German, Iroquois — the Onondaga, and Algonquin — the Delaware. Printed from the original manuscript in Harvard College Library* (Cambridge, 1887). It was edited by Professor Eben Norton Horsford, who says in his preface that the Delaware is of the Minsi dialect; and that the print represents the MS. "as nearly as type would permit."

The original is in three columns, the English and German being combined in one column. In the print the two are given in separate columns.

*** Zeisberger's *Essay of an Onondaga grammar, or a short introduction to learn the Onondaga-Almaqua tongue* is in *Pennsylvania Mag. of History*, 1888.

2. "An Harmony of the Four Gospels, by David Zeisberger. The author's own copy." E. Lane.

Everett adds: "In the Delaware language. Judge Lane says: He kewelder says that the printing of this was undertaken; but I think it never was executed."

Mr. Sibley adds in a note: "This is not Zeisberger; but Zeisberger's translation of Lieberkuhn's Harmony of the Gospels. *Amer. Philosoph. Transactions*, iii., n. s., p. 87."

Another MS. note says: "This was printed by Daniel Fanshaw in New York, 1821, pp. vii., 222, in duodecimo. Retranslated, so as to conform to the present idiom of the language, by I. D. Blanchard, and printed in pp. 221, duodecimo, at the Shawanoe Baptist Mission, 1837, J. Meeker, printer."

The indian title reads: *Elekup Nihillalquonk woah Pemanchsohalquonk Jesus Christ, seki ta lauchsitup Wochgidhakamike.* The preface is signed: "Kimachtowa D. Zeisberger, Muskingum Goshenink, May 23, 1806."

3. Vocabulary, German, Maqua, Delaware, — so inscribed by Everett.

Bound with it is a vocabulary in four volumes, headed respectively: English, Maqua, Delaware, Mahikan.

4. Delaware Glossary, — as inscribed by Everett.

5. Phrases and Vocabularies, — as inscribed by Everett.

6. A Delaware Grammar, — as inscribed by Everett.

See *Amer. Philosoph. Society's Transactions*, iii., n. s., 98. Duponceau's translation here referred to is supposed to be at Bethlehem.

7. A collection of Hymns for the use of the Christian indians of the mission of the United Brethren in North America [by David Zeisberger].

See *Amer. Philosoph. Society's Transactions*, iii., n. s., 87.

8. Litanies and Liturgies, — as inscribed by Everett.

The several sections are: The Church Litany. Liturgien zum Vater, Sohn und heiligen Geist. Wholly in Indian.

9. Zeisberger's own Indian Hymn-book, — as inscribed by Everett.

10. Delaware Sermon by Luekenbach, a Moravian missionary, — as inscribed by Lane.

11. Sermons by Zeisberger, — as inscribed by Everett.

Mr. Sibley notes: "This volume seems to contain a treatise by Spangenberg, inserted between two sermons, which are ascribed to Zeisberger."

12. Seventeen Sermons to Children, by Zeisberger, — as inscribed by Everett.

See *Amer. Philosoph. Society's Transactions*, iii., n. s., 87.

13. Church Litany in Delaware with a German translation. In the handwriting of the Rev. Mr. Mortimer.

14. Short Biblical Narratives, — as inscribed by Everett. In German and Indian in parallel columns.

15. Delaware Vocabulary, — as inscribed by Everett. Marked by Lane: A vocabulary of Delaware language, presented by the Rev. Mr. Grube to the Rev. Mr. Luekenbach on his setting out upon his western missionary journey in 1800.

Another note says: A present from B. A. Grube, the missionary referred to by Loskiel in his History of the United Brethren among the North American Indians, to Abraham Luekenbach, on his setting out as a young missionary in 1800.

The German presentation, "Dem lieben Bruder Abraham Luekenbach," is signed by Grube, "geb. d. 21 Juny, 1715," and dated "Bethlehem, d. 12 Octr. 1800."

16. Grammar of the Arrawack language, — as inscribed by Everett.

See Adelung's *Mithridates*, iii., p. 666 *et seq.*

A statement signed "Stephan Pfeiffer, a. 1799," gives the authorship to "Br. Schuman."

A note reads: "I know nothing of Pfeiffer, who seems to have written [*i. e.* transcribed] this work, nor am I aware that Lawatsh [who is mentioned in Pfeiffer's statement] was ever a missionary in South America; but Schuman, the author, is well known in our missionary accounts. He was the first missionary to South America who had re-

ceived a classical education, and was sent in 1765 with a view to acquire a better knowledge of the language of the Arawacka indians, with which the missionaries had found much difficulty."

17. Indian Grammar, imperfect, — in a package.

18. Delaware Hymns and other fragments.

19. Delaware Verb and other fragments, including an English and Delaware Dictionary.

20. Papers relating to the manuscripts: Copy of Judge Lane's letter to President Everett, Mar. 23, 1848, which contains: "Contents of a box of MSS. from the Moravians at Gnadenhütten, chiefly from Zeisberger. See his life in the last pages of Heckewelder's Narrative." It is endorsed by J. L. Sibley that President Everett arranged the papers and had them bound at his own expense. List of the MSS. made out by President Everett. Letter of President Sparks transmitting the box to the librarian, Jan. 21, 1850. Letter of Edward Everett, Mar. 2, 1850.

CXI.

Origin and History of the Moravian Churches, or Unitas Fratum, by Rev. Bishop Ettwein, addressed to Benjamin Trumbull, of Connecticut, and endorsed by him as "Received, April 9, 1793."

*** An enumeration of the numerous MSS. of Zeisberger and of their present places of deposit is given by J. C. Pilling in his tentative bibliography of American linguistics, printed for the Bureau of Ethnology at Washington.

CXII.

Journal of Ensign Moses Dorr, May 25 to Oct. 28, 1758, including an account of the building of Fort Stanwix [a copy].

CXIII.

Colonel Joseph Williams of the Massachusetts forces. Journal beginning at Hatfield, Mass., June 2, 1758, and ending at Fort Stanwix in October.

CXIV.

Benjamin Franklin. Letter, Philadelphia, July 10, 1764, referring to the destruction of Harvard College Library.

CXV.

Diary of Rev. Justus Forward, 1767, Belchertown, Mass.

CXVI.

Dr. John Winthrop's Pocket Memoranda. 1766–1779.

These are entered in a copy of *The new Memorandum Book improved: for the year 1756.* London. 1756.

CXVII.

Bulfinch Papers. Thomas Bulfinch, Boston, 1783, power of attorney to John Wheelwright, sworn to before Edmund Quincy.

Deposition of Daniel Kneeland about the breaking open by British officers, in Dec. 1775, of the shop of Peter Roberts, with other papers relating to drugs seized in Boston for the use of the Royal hospitals for troops. Depositions of John Hoffain and Charles Joy to the same effect. Certificate from Gov. John Hancock (1783) as to the legal standing of Edmund Quincy and Ezekiel Price as justices of the peace, and of Henry Alline as notary public.

Attested copy of the records of a town meeting in Boston, April 22, 1775, in which an interview of the Selectmen with Gen. Gage was discussed.

CXVIII.

Jeremiah Fogg, Orderly book, kept on Winter Hill during the Siege of Boston, Oct. 28, 1775 to Jan. 12, 1776.

CXIX.

Papers of Paul Mascarene, 1728–1745.

*** Mr. Sibley endorses the collection: "The Mascarene papers received at Harvard College Library, Dec. 18, 1843, with many pamphlets and a few manuscripts, were given by Mrs. Rebecca P. Clarke and her daughter, Miss Sarah A. Clarke, of Newton; and were part of the Gen. William Hull and the Rev. James Freeman papers and pamphlets. Mrs. Clarke, mother of Rev. James Freeman Clarke, was daughter of Gen. William Hull, and daughter-in-law, by way of marriage, of the Rev. Dr. Freeman."

The collection contains: —

1728. May 28. A letter of the wife of Rapin, the historian, to Paul Mascarene, giving some particulars about Rapin.

1733–34. Feb. 20. Latin extracts, with French versions, on certain doctrinal points of difference between the Catholic and Protestant Churches.

1734. Latin letter of John Mascarene to his father.

1736. Nov. 7. Dated at Canso. Paul Mascarene to De la Valière respecting a wreck.

1737. Dec. 20. Louis Rou, New York, to Paul Mascarene, with a French poem, "Adieu au Casté."

——. Dec. 22. Hector Boisrond to Paul Mascarene.

1739. Latin Poem. S. Langdon to John Mascarene.

Latin address, by John Mascarene, "in Aula Academia."

1742. Correspondence with the Bishop of Quebec and with several priests respecting their admission into the Province.

*** Printed in part in *Nova Scotia Documents*, p. 121 ff.

1745. Latin epitaph on Jonathan Remington.

Latin thesis "delivered at my first degree" [? John Mascarene].

Latin letter from P. Mascarene to Gov. Shirley.

Latin poem, "Ad Regem" by ? John Mascarene.

At the end of the volume is a correspondence between Paul Mascarene and Father De St. Poncy, relative to controverted points of belief between Catholics and Protestants.

Library of Harvard University.

BIBLIOGRAPHICAL CONTRIBUTIONS.

EDITED BY JUSTIN WINSOR,
LIBRARIAN.

No. 23.

A LIST OF THE PUBLICATIONS
OF HARVARD UNIVERSITY AND ITS OFFICERS,
WITH THE CHIEF PUBLICATIONS ON THE UNIVERSITY,
1885–1886.

By WILLIAM H. TILLINGHAST.

CAMBRIDGE, MASS.:
Issued by the Library of Harvard University.
1887.

Already issued or in preparation:

A Star prefixed indicates they are not yet ready.

VOL. I.

1. EDWARD S. HOLDEN. Index-Catalogue of Books and Memoirs on the Transits of Mercury.
2. JUSTIN WINSOR. Shakespeare's Poems: a Bibliography of the Earlier Editions.
3. CHARLES ELIOT NORTON. Principal books relating to the Life and Works of Michelangelo, with Notes.
4. JUSTIN WINSOR. Pietas et Gratulatio. An Inquiry into the authorship of the several pieces.
5. LIST OF APPARATUS in different Laboratories of the United States, available for Scientific Researches involving Accurate Measurements.
6. THE COLLECTION OF BOOKS AND AUTOGRAPHS, bequeathed to Harvard College Library, by the Honorable Charles Sumner.
7. WILLIAM C. LANE. The Dante Collections in the Harvard College and Boston Public Libraries.
8. CALENDAR of the Arthur Lee Manuscripts in Harvard College Library.
9. GEORGE LINCOLN GOODALE. The Floras of different countries.
10. JUSTIN WINSOR. Halliwelliana: a Bibliography of the Publications of James Orchard Halliwell-Phillipps.
11. SAMUEL H. SCUDDER. The Entomological Libraries of the United States.
12. A LIST OF THE PUBLICATIONS of Harvard University and its Officers, 1870–1880.
13. SAMUEL H. SCUDDER. A Bibliography of Fossil Insects.
14. WILLIAM H. TILLINGHAST. Notes on the Historical Hydrography of the Handkerchief Shoal in the Bahamas.
15. J. D. WHITNEY. List of American Authors in Geology and Palæontology.
16. RICHARD BLISS. Classified Index to the Maps in Petermann's Geographische Mittheilungen. 1855–1881.
17. RICHARD BLISS. Classified Index to the Maps in the Royal Geographical Society's Publications. 1830–1883.
18. JUSTIN WINSOR. The Bibliography of Ptolemy's Geography.
19. JUSTIN WINSOR. The Kohl Collection of Early Maps.
20. WILLIAM C. LANE. Index to Recent Reference Lists, 1884–1885.

VOL. II.

21. A LIST OF THE PUBLICATIONS of Harvard University and its Officers, 1880–1885.

*22. JUSTIN WINSOR. Calender of the Sparks Manuscripts in Harvard College Library.

23. WILLIAM H. TILLINGHAST. List of the Publications of Harvard University and its Officers, 1885–1886.
24. WILLIAM C. LANE. Index to Recent Reference Lists, 1885–1886.

A LIST OF THE PUBLICATIONS

OF HARVARD UNIVERSITY AND ITS OFFICERS,

WITH THE CHIEF PUBLICATIONS ON THE UNIVERSITY,

FROM SEPTEMBER 30, 1885, TO SEPTEMBER 30, 1886.

*** The list of publications of the officers of the University has been prepared from information received from the officers in response to a circular issued by the editor. It is to be regretted that in more than half the cases no response came to the circular sent, but it is probable that most of those not responding had not printed anything. For the record of the publications of the University, and for that of the articles relating to it, the editor is chiefly responsible. It is proposed to continue this list for successive academic years.

THE UNIVERSITY.

The Harvard University catalogue, 1885–86. Cambridge. 1885. 8°. pp. 309, *map.*

Edited by W. C. Lane.

Much of the matter in the Catalogue is also printed for distribution in the Admission, Elective, and Post-graduate pamphlets. The Departments issue their own portions separately, in some cases with additions.

Directory of the officers and students of Harvard University, Oct. 8, 1885. Cambridge. 1885. 8°. pp. 19.

Edited by W. C. Lane.

Annual report of the President and Treasurer of Harvard College, 1884–85. Cambridge. 1886. 8°. pp. 210, 58.

This report contains also the reports from the various departments and institutions of the University. The report of the Treasurer and those of several of the departments are also issued separately.

[Report of the committee for the consideration of the requisitions for entrance examinations, of the elective system, and of voluntary attendance at recitations. Signed by H. C. Lodge, Moorfield Storey, Roger Wolcott, E. P. Seaver. *Also:* Minority report signed by R. D. Smith.] 8°. pp. 12.

[Circular signed by the Plummer Professor and the Preachers to the University announcing their plan for religious services in the College.] Dated July, 1886.

The cost of a year in Harvard College and the means of assistance for poor students. pp. (3).

[Descriptions of the courses of studies at Harvard University.] 1885–1886. 8°.

Represented are: Botany and Zoölogy, Classics and Sanskrit, English, Forensics, French, Geology (including Meteorology, Physical Geography and Palaeontology), History, Mathematics, Music, Political Economy, Romance Philology, Semitic languages.

Descriptive list of experiments on the fundamental principles of chemistry for use in Chemistry *B*. Also for the use of teachers preparing students for the admission examination in chemistry. By Josiah Parsons Cooke. Cambridge. 1886. 12°. pp. 55.

Harvard University examination papers. 1885–1886. 8°.

These include the papers of the College and the Law School. The Medical School prints its papers as an appendix to its annual catalogue.

[Programme of the exercises at Commencement, 1886.] 4°.

Contains the names of those who receive degrees and academic honors in all departments.

ARNOLD ARBORETUM.

Annual report of the Director of the Arnold Arboretum [C. S. Sargent] to the President and Fellows of Harvard College, for 1884–85. 1886. 8°. pp. 7.

Reprinted, with the addition of appendices, from the President's annual report.

ASTRONOMICAL OBSERVATORY.

Annals of the Astronomical Observatory of Harvard College. Vol. xv. pt. 1; vol. xvi. Cambridge. 1886. 4°.

Contents: — xv. (Incomplete.) Part 1. Catalogue of 1213 stars observed with the meridian circle during the years 1870–1879, and prepared for publication under the direction of Joseph Winlock and Edward C. Pickering, successive Directors of the Observatory. By William A. Rogers. 1886. pp. vii. 145.

xvi. Observations of fundamental stars made with the meridian circle during the years 1870 to 1886, and prepared for publication under the direction of Joseph Winlock and Edward C. Pickering, successive Directors of the Observatory. By William A. Rogers. 1886. pp. cxli. 337.

Fortieth annual report of the Director of the Astronomical Observatory of Harvard College. Presented to the visiting committee, December 3, 1885. By Edward C. Pickering. Cambridge. 1886. 8°. pp. 13.

The report includes a list of the scientific articles published by the officers of the Observatory during the year. It is also included in the annual report of the President.

Photographic study of stellar spectra. Henry Draper memorial. Circular, dated March 20, 1886.

A plan for the extension of astronomical research. By E. C. Pickering. Cambridge, 1886. 8°. pp. 11.

BUSSEY INSTITUTION.

Bulletin of the Bussey Institution, Jamaica Plain, Boston.

Nothing has been issued within the period covered by this list.

The annual report of the Dean of the Bussey Institution will be found in the President's report.

LIBRARY.

Harvard University calendar, no. 158–194, October, 1885 — July, 1886.

The calendar is issued in term-time only; in April, 1886, it was transferred to the care of the Secretary of the College.

Harvard University bulletin, no. 32–34. Vol. iv. no. 3 — vol. iv. no. 5. October. 1885 — May, 1886.

Beginning with no. 18, each Bulletin has contained official abstracts of the records of meetings of the Corporation and the Board of Overseers.

A current necrology of the graduates of the University, contributed by the editor of the Quinquennial catalogue, is contained in each number of the Bulletin.

No. 32, October, 1885, contains a continuation of the list of *Dante collections in the Harvard College and Boston Public Libraries*, by W. C. Lane, the first part of which appeared as no. 7 of the Bibliographical contributions, and in the Bulletin, no. 31, May, 1885.

Bibliographical contributions. Edited by Justin Winsor. Republished from the Bulletin of Harvard University. The following numbers have been issued since Sept. 1885 : —

17. Richard Bliss. Classified index to maps in the Royal Geographical Society's publications. 1830–1883. 1886. pp. 43.

Includes all the maps and plans published in the first and second series of the *Proceedings*, the *Journal*, and the *Supplementary Papers* of the Royal Geographical Society, and in *Ocean Highways* and *The Geographical Magazine*.

19. Justin Winsor. The Kohl collection of maps relating to America. 1886. pp. 70.

The Kohl collection is a series of copies, 474 in number, made by John G. Kohl, the eminent geographer and traveller, of MS. maps preserved in European collections, and of the engraved maps, which are mostly rare and are chiefly indicative of the progress of geographical discovery in America. These copies were made by Kohl about 30 years ago. There have been interpolated in the proper divisions and chronological places of the list, notes of other maps, omitted by Kohl or unknown to him. The Kohl collection belongs to the Department of State at Washington.

21. A list of the publications of Harvard University and its officers, with the chief publications on the University. 1880–1885. 1886. pp. 62.

Edited by W. H. Tillinghast.

Eighth report (1884–85) of Justin Winsor, librarian of Harvard University. 8°. pp. 9.

Included in the annual report of the President, and also printed separately.

MUSEUM OF COMPARATIVE ZOÖLOGY.

Memoirs of the Museum of Comparative Zoölogy at Harvard College.

Nothing has been published within the time covered by this list.

Bulletin of the Museum of Comparative Zoölogy at Harvard College, in Cambridge. Vol. xii. No. 2–6. 1885–86. 8°.

Contents: — 2. Reports on the results of dredging, by the U. S. C. S. Str. "Blake." XXVII. Report on the specimens of bottom deposits. By John Murray. pp. 37–61. (Oct. 1885.) — 3. Contributions from the Embryological laboratory. VIII. Observations on the development of Agelena naevia. By W. A. Locy. pp. 63–103, *plates* 12. (Jan. 1886.) — 4. Studies from the Newport Marine laboratory. Communicated by Alexander Agassiz. XVII. Preliminary observations on the development of Ophiopholis and Echinarachnius. By J. W. Fewkes. pp. 105–152, *plates* 8. (March, 1886.) — 5. Report on the results of dredging by the U. S. C. S. Str. "Blake." XXVIII. Description of thirteen species and two genera of fishes from the "Blake" collection. By G. B. Goode and T. H. Bean. pp. 153–170. (July, 1886.) — 6. Report on the results of dredging by the U. S. C. S. Str. "Blake." XXIX. Report on the mollusca. Part i. Brachiopoda and Pelecypoda. By W. H. Dall. pp. 171–318, *plates* 9. (Sept. 1886.)

Twenty-fifth annual report of the Curator [Alexander Agassiz] of the Museum of Comparative Zoölogy at Harvard College, to the President and Fellows of Harvard College, for 1884–85. Cambridge. 1885. 8°. pp. 36.

This pamphlet contains, beside the main report of the Curator, which is also included in the report of the President, special reports by officers of the Museum on the departments placed under their charge respectively, and lists of the publications of the Museum.

Papers prepared from Studies of Collections at the Museum.

Myriapoda musei Cantabrigiensis. Pars I. Chilopoda. By Dr. F. Meinert. *Proc. Am. Phil. Soc.* April, 1886; vol. xxiii. no. 122.

A revisional monograph of recent Ephemiridae. By Rev. A. E. Eaton. Part IV. *Trans. Linn. Soc.* (London). 2d ser. Zoölogy. Dec. 1885; vol. iii.

Die Spinnen Amerikas; Theridiidae, zweite Haelfte. Von Graf E. Keyserling, Nürnberg. 1886. 4°.

PEABODY MUSEUM OF AMERICAN ARCHAEOLOGY AND ETHNOLOGY.

Eighteenth and nineteenth annual reports of the trustees of the Peabody Museum of American Archaeology and Ethnology, presented to the President and Fellows of Harvard College, 1886 [consisting of the reports of the Treasurer and of the Curator (F. W. Putnam), with special papers]. Vol. iii. nos. 5 and 6. pp. 385–512.

Contents: — 18. (1885. pp. 397–466.) *Papers.* — Notes on the anomalies, injuries and diseases of the bones of the native peoples of North America contained in the osteological collections of the Museum. By W. F. Whitney. pp. 433–448. — Explorations in Ohio by C. L. Metz and F. W. Putnam: the Marriott mound, no. 1, and its contents. By F. W. Putnam. *Illustr.*

19. (1886. pp. 467–512.) No special papers.

SCIENTIFIC PAPERS FROM THE LABORATORIES OF THE UNIVERSITY.

The Chemical Laboratory.

Contributions from the Chemical laboratory of Harvard College.

1–4. Papers prepared under the supervision of Professor Cooke, Director. 1. Analysis of mica from Leon Co., Texas. G. W. Leighton, S.B. 1886. — 2. Analysis of a crystalline scale formed in the manufacture of sodic bicarbonate by the ammonia process, at Syracuse, N. Y. G. W. Leighton. — 3. On the constancy of the heat produced by the reaction of argentic nitrate on solutions of metallic chlorides. T. W. Richards, A.B. 1886. — 4. Is there a constant relation between the heats of formation of chlorides and sulphates in aqueous solution? I. W. Fay, A.B. 1886. *Proc. Am. Acad.* 1886; xxii. 158–166.

5. On the crystalline structure of iron meteorites. O. W. Huntington. *Ibid.* pp. 478–498, *illustr.*

6. On the action of chromic superfluoride on benzoic acid. C. L. Jackson, with G. T. Hartshorn. *Am. Chem. Journ.* vii. 343.

7. Ueber Bromboruzschleimsäure. H. B. Hill u. C. S. Sanger. *Ann. d. Chem.* ccxxxii. 42–102.

The Physical Laboratory.

Contributions from the Physical laboratory of Harvard College.

xxv. Atmospheric electricity at high altitudes. A. McAdie. *Proc. Am. Acad.* 1885; xxi. 129–134.

Communications from the Jefferson Physical laboratory.

The dynamic action of an electric current. H. V. Hayes. *Ibid.* pp. 348–360.

The Physiological Laboratory.

Plethysmographic and vaso-motor experiments with frogs. F. W. Ellis, M.D. *Journ. of Physiology*, Nov. 1885; vi. 437–459, *plates* 2, *cuts.*

What is nerve force? H. P. Bowditch, M.D. *Proc. Am. Assoc. Adv. Sci.* xxxv.

A piston-recorder. F. W. Ellis. *Journ. Physiol.* Sept. 1886; vii. 309–313, *pl.* 1.

The liquid piston-recorder and the registration of its movements by means of photography. *Ibid.* 314, 315.

The Embryological Laboratory.

Contributions from the Embryological laboratory of the Museum of Comparative Zoölogy at Harvard College. Prepared under the superintendence of Professor Mark.

viii. Observations on the development of Agelena naevia. By William A. Locy. *Bull. Mus. Comp. Zoöl.*, Jan. 1886; xii. 3. pp. 63–103, *plates* 12.

Papers by students in Geology, Palaeontology, and Physical Geography.

The cause of anti-cyclonic cold in winter. W. R. Dewey, A.B. 1886. *Am. Meteorol. Journ.* May, 1886; iii. 25–32.

Waterspouts on the Gulf Stream in winter. H. B. Gibson, class of 1888. *Ibid.* July, 1886; iii. 119–126.

COLLEGE PAPERS, etc.

The daily Crimson. Vol. viii., ix. Oct. 1, 1885 — June 25, 1886.

The Harvard Advocate. Vol. xl., xli. Oct. 2, 1885 — June 25, 1886. *Fortnightly.*

Catalogue of the editors of the Harvard Advocate. 1866–1886. To which is prefixed a short history of the paper [by T. T. Baldwin]. [Cambridge. 1886.] 16°. pp. 24.

The Harvard Lampoon. Second series. Vol. x., xi. Oct. 16, 1885 — June 25, 1886. *Fortnightly.*

The Harvard Monthly. Vol. i., ii. Oct. 1885 — July, 1886.

The Harvard Index for 1885–86. Boston. 1885. 16°. pp. 196.

Contains a directory of officers and students of the University, athletic and boating records and lists of the officers and members of the college societies. Edited by D. B. Chamberlain.

COLLEGE SOCIETIES.

Some ancient organs of public opinion. An address delivered before the Φ B K society at Harvard College, June 26, 1884. By R. C. Jebb. Cambridge [England]. 1886. 8°. pp. 24.

An address before the Phi Beta Kappa society of Harvard University, July 1, 1886, by Daniel C. Gilman, President of the Johns Hopkins University. [Baltimore.] 1886. 8°. pp. 33.

The subject of the address was the characteristics of a university. No poem was delivered.

The Signet. Harvard College. June 28, 1886. 8°. pp. 32.

CLASS DAY EXERCISES.

Class of 1886. Baccalaureate sermon, baccalaureate hymn, Class day oration, Class poem, ivy oration, ode, Class song. Cambridge. 1886. 8°. pp. 37, (5).

Sermon: Strength and beauty, by Andrew P. Peabody. — Hymn, by A. H. Lloyd. — Oration, by J. M. Merriam. — Poem, by A. B. Houghton. — Ivy oration, by H. LaMonte. — Ode, by T. P. Sanborn. — Song, words by H. E. Fraser, music by B. C. Henry.

CLASS REPORTS.

1830. H. U. Memoirs. Boston. 1886. 8°. pp. 144, (1).

Prepared by a committee consisting of J. O. Sargent, J. Dana, T. C. Amory.

1835. Memorials of the class of 1835. Harvard University. Prepared on behalf of the class secretary by Charles Horatio Gates. Boston. 1886. pp. xiii. 106.

1866. The seventh secretary's report of the class of 1866, of Harvard College. June, 1881 — June, 1886. Boston. Printed for the use of the class. 1886. 8°. pp. 52.

The class secretary is Charles E. Stratton.

1876. Harvard College. Class of 1876. Triennial report of the secretary [W. L. Chase]. Secretary's report, number four. June, 1876 — June, 1886. Printed for the use of the class. Boston. 1886. 8°. pp. 91, *illustr.*

1883. Triennial. June, 1886. Secretary's report no. 2. Printed for the use of the class. 8°. pp. 117, *illustr.*

The class secretary is Frederick Nichols.

1885. Harvard College. Class of 1885. Secretary's report. No. 1. Cambridge. 1886. 8°. pp. 106, (1).

The class secretary is W. A. Halbert.

PUBLICATIONS RELATING TO THE UNIVERSITY.

*** The college papers have not been analyzed in preparing the following list. The editor hopes that it will be possible to make the record much more complete in the future; it is desirable that it should embrace every article of note relating to the University or its interests, wherever published, and all assistance to this end will be welcomed. For the present issue it was impossible to make a methodical examination of the newspapers.

In General.

Reference book for Harvard students. 1886–87. Cambridge. 1886. 8°. pp. 44.

Circular sent to the candidates for Overseers [by the secretaries of the classes of 1878, 1879, 1880, and 1881, requesting a statement of the candidates' views upon the abolition of compulsory attendance at prayers, the making it possible to enter Harvard without a knowledge of Greek, etc., with the replies received]. Dated April, 1886. 8°. pp. 12.

[Report of the Committee of the Overseers for the consideration of the requisitions for entrance examinations, of the elective system, and of voluntary attendance at recitations. Signed by H. C. Lodge, Moorfield Storey, Roger Wolcott, E. P. Seaver. *Also:* Minority report signed by R. D. Smith.] 8°. pp. 12.

The courses of study in history, Roman law, and political economy, at Harvard University. By H. E. Scott. *Methods of Teaching History.* Edited by G. S. Hall. Boston. 1885. pp. 167–192.

Proceedings and addresses at the inauguration of Charles Kendall Adams, LL.D., to the presidency of Cornell University, Nov. 19, 1885. Published by the University. 1886. 8°. pp. 77.

Contains numerous references to the history and present state of Harvard College.

University education. G. S. Morris. *Univ. Mich. Philosoph. Papers.* Series i. no. 1. Ann Arbor. 1886. 8°. pp. 40.

Articles in periodicals. — 1885: Harvard in the emancipation movement. F. B. Sanborn. *Harvard Monthly*, Nov.; i. 43–49. — College societies at Harvard. *Diamond of Psi Upsilon*, Nov.; v. 41–46. — 1886: Nathaniel Eaton, the first principal of Harvard. E. D. Neill. *N. E. Hist. Gen. Reg.* July; xl. 294. — Rich collegians. *Nation*, 8 July; xl. 28. — Alleged Harvard extravagance. T. W. Higginson. *Index* (Boston), 22 July; xviii. 59. — College extravagances. *Journal of Education*, 26 Aug.; xxiv. 132. — College sports and scholarship. *Ibid.* 9 Sept.; xxiv. 164 [extract from the *Boston Herald*]. — The participation of alumni in the government of colleges. *Andover Rev.* June; v. 639–645. — A liberal education. A. P. Peabody. *New Englander*, Mar.; ix. 193–207. — How I was educated. E. E. Hale. *Forum*, Mar.; i. 55–63. — How I was educated. T. W. Higginson. *Ibid.* Apr.; i. 172–182. — Two decades of Yale and Harvard. E. D. Page. *Nation*, 18 Feb.; xlii. 147. — The policy of Yale and Harvard compared. E. D. Page. *Ibid.* 25 Feb.; xlii. 169. — Mr. Page on Yale. E. D. Bourne. *Ibid.* 11 Mar.; xlii. 216. — Yale College and the Scientific School. E. D. Page. *Ibid.* 18 Mar.; xlii. 236. [Mr. Page's articles were reprinted separately.] — The test of numbers in colleges. M. *Ibid.* 8 Apr.; xlii. 296. — The numbers test for colleges. *Ibid.* 12 Apr.; xlii. 340. — Changes at Harvard. *Advance*, 20 May. — The Harvard annex. M. C. Smith, *Education*, May; vi. 568–574. — The place of English in the college curriculum. T. W. Hunt. *New Englander*, Feb; ix. 108–123. — History at Harvard University. (History in American colleges. I.) H. B. Adams. *Education*, May, June; vi. 535–547, 618–633. (*Also* in part, *Johns Hopkins Univ. Circulars*, May; v. 91.) — Biological teaching in colleges. W. G. Farlow. *Pop. Sci. Mo.* Mar.; xxviii. 577. — Teaching of philosophy in American colleges. J. Dewey. *Science*, 16 Apr.; vii. 353. — Transformation of the college. *Nation*, 19 Nov. 1885; xli. 418. — Universities *vs.* colleges. D. Curry. *Methodist Rev.* xlv. 594. — The drift toward universities. *New Princeton Rev.* Jan.; n. s. i. 145. — Relation of the secondary school to the college. A paper read before the Vermont Teachers' Association at Burlington, Jan. 29, 1886. H. M. Willard. *Education*, Apr.; vi. 469–484. — The problem of the New England colleges. C. F. Richardson. *Nation*, 19 Aug.; xlii. 157. — An elective course. Lines found among the papers of a Harvard undergraduate. T. B. Aldrich. *Harper's Mo.* Aug.; lxxiii. 363.

Alumni.

Will of John Langdon Sibley, of Cambridge. [1886.] 8°. pp. 6.

By this will a contingent trust was established for the publication of biographical sketches of the graduates of Harvard University, under the care of the Massachusetts Historical Society.

Class memoir of George Washington Warren [class of 1830], with English and American ancestry, by his classmate Thomas C. Amory, together with letters, valedictory poems, odes, etc. Boston. 1886. 8°. pp. 120, *portr.*

In periodicals: — Harvard and Yale biographies. *Nation*, 10 Sept. 1885; xli. 221. — Graduates of Yale College. J. N. Tarbox. *New Englander*, Jan. 1886; ix. 65–80. — Current necrology. *Harv. Univ. Bull.* Oct. 1885; Jan., May, 1886; iv. 133, 206, 254. — Necrology, June, 1885—June, 1886. *Boston Journal, Advertiser*, etc. 30 June, 1886.

See also the class reports above.

John Harvard.

The library received May 15, 1886, three sheets containing fac-similes of records relating to the family of John Harvard, the gift of the Clothworkers' Company of London. [H. U. 252ª.]

Contents: — 1. Clothworkers' company, London, admission of freemen. Account of Henry Browne, Quarter Warden, 1634–1635. Extract relating to Thomas Harvardt. 2. Extract from register of apprentices bound, 1606–1641, relating to Thomas Harvardt. 3. Fac-simile extract from the parish register of St. Saviour, Southwark, London. *a.* Baptism of John Harvye. Nov. 29, 1607. *b.* Baptism of Thomas Harvey. Dec. 3, 1609. *c.* Burial of Robert Harvey. Aug. 24, 1625.

In periodicals: — **1885:** [Remarks by] J. T. Hassam. *N. E. Hist. Gen. Reg.* Oct.; pp. 325–327. — [Note] by F. J. Poynton. *Ibid.* p. 389. — John Harvard's autograph. E. Disney. *Academy*, 24 Oct.; p. 275. — Genealogy of John Harvard. W. Rendle. *Athenæum*, 24 Oct.; p. 537. — John Harvard's autograph. E. S. Shuckburgh. *Academy*, 7 Nov.; p. 308. — Concerning John Harvard's signature at Cambridge. F. B. James. *Bost. Transcr.* 11 Nov. — **1886:** John Harvard and Cambridge university. *N. E. Hist. Gen. Reg.* Jan.; xl. 103. — [Mr. Wm. Rendle and Mr. H. F. Waters.] J. T. Hassam. *Ibid.* pp. 34–37. *Also* separately with Waters' Genealogical gleanings in England, xi. — [Letter on the same subject.] J. T. Hassam. *Athenæum*, 2 Jan.; p. 3[illegible]. — The Harvard controversy. W. Rendle. *Ibid.* 16 Jan.; p. 102. — Who was John Harvard? F. J. Symnes. *Overland*, Feb.; n. s. vii. 181. — Mr. William Rendle on John Harvard. Anglus. *Nation*, 18 Feb.; xlii. 149. — John Harvard: a difficulty solved. Z. *Ibid.* 4 Mar.; xlii. 191. — Also *N. E. Hist. Gen. Reg.* Apr.; xl. 207. — *Also*, at greater length, *Boston even. Transcript*, 7 Apr.; suppl. — A Harvard controversy. W. Rendle. *Nation*, 25 Mar.; xlii. 259. — What do we know about John Harvard? A. B. Hart. *Harvard Monthly*, Apr.; ii. 43–57. [*See* Bibliographical note at the end.] — John Harvard and Cambridge university. *N. E. Hist. Gen. Reg.* Apr.; xl. 207. — John Harvard. J. T. Hassam [with extract from *La Renaissance*, Paris, 4 Sept. 1885]. *Ibid.* p. 180. — John Harvard again. The editor of the *Register*. *Nation*, 1 Apr.; xlii. 278. — John Harvard and his ancestry: notes on Mr. Waters. Z. *Nation*, 8 Apr.; xlii. 297. — John Harvard's autograph. E. Disney. *Academy*, 24 Apr.; p. 294. — Harvard fac-similes: a suggestion. Z. *Nation*, 6 May; xlii. 383. — John Harvard: further notes. Z. *Ibid.* 20 May; xlii. 423. — John Harvard. Audi alteram partem. H. F. Waters. *Ibid.* 3 June; xlii. 466. — Sitting statues. III. John Harvard. I. T. H. Bartlett. *Amer. Architect and Building News*, 12 June; xix. 279–281, *illustr.* [Rendle on John Harvard.] *N. E. Hist. and Gen. Reg.* July; xl. 321.

The Elective System and College Discipline.

*** See also above: In General.

Annual reports of the President and Treasurer of Harvard College. 1884–85. Cambridge. 1886. 8°. pp. 3–50.

The system of instruction and government at Harvard College. Samuel Brearley, jr. [New York. 1885.] 8°. pp. 37.

Report of the committee of the Harvard Club of the city of New York, on the elective system. [1886.] pp. 12.

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*** For the purpose of completing the record, a few articles omitted from the last list are inserted here.

Alexander Agassiz.

Curator of the Museum of Comparative Zoölogy, 1875——.

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2. Editorship of the Memoirs and the Bulletin of the Museum of Comparative Zoölogy. For contents *see* Official publications: Museum of Comparative Zoölogy.
3. Contributions from the Zoölogical laboratory of the Museum of Comparative Zoölogy. *See* E. L. Mark.
4. Editorship of Reports on the results of dredging by the U. S. C. S. Str. "Blake." XXVII.–XXIX. For contents *see* Official publications: Museum of Comparative Zoölogy.
5. Editorship of Studies from the Newport marine zoölogical laboratory. *See* Official publications: Museum of Comparative Zoölogy.

Joel Asaph Allen.

Assistant in Ornithology, 1871–1885.

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William Henry Baker.

Assistant Professor of Gynaecology, 1882——.

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Ferdinand Bôcher.

Professor of Modern Languages, 1870——.

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Henry Pickering Bowditch.

Professor of Physiology, 1876——. *Dean of the Medical Faculty*, 1883——.

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Edward Hickling Bradford.

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William Brewster.

Assistant in Ornithology at the Museum of Comparative Zoölogy, 1885——.

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Arthur Tracy Cabot.

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Edward Channing.

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Adolphe Cohn.

Assistant Professor of French, 1885——.

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Josiah Parsons Cooke.

Erving Professor of Chemistry and Mineralogy, 1851——; *Director of the Chemical Laboratory.*

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Elbridge Gerry Cutler.

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Francis Henry Davenport.

Assistant in Gynaecology, 1881——.

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William Morris Davis.

Assistant Professor of Physical Geography, 1885——.

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2. Thunder-storms in New England in the summer of 1885. *Ibid.* 1886; xx. 14–58.
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Frank Winthrop Draper.

Assistant Professor of Legal Medicine, 1884——.

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2. Pancreatic hemorrhage and sudden death. *Trans. Am. Assoc. of Physicians and Pathologists*, 1886; i.
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Charles Franklin Dunbar.

Professor of Political Economy, 1871——.

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Thomas Dwight.

Parkman Professor of Anatomy, 1883——.

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Robert Thaxter Edes.

Jackson Professor of Clinical Medicine, 1884–1886.

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Charles William Eliot.

President of the University, 1869——.

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Harold Clarence Ernst.

Demonstrator of Bacteriology, 1885——.

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William Gilson Farlow.

Professor of Cryptogamic Botany, 1879——.

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3. Vegetable parasites of cod-fish. *Bull. U. S. Fish Commission*, Jan. 1886.
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Jesse Walter Fewkes.

Assistant at the Museum of Comparative Zoölogy, in charge of Radiates, 1880–1886.

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Thomas Fillebrown.

Professor of Operative Dentistry, 1883——.

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Theodore Willis Fisher.

Clinical Instructor in Mental Diseases, 1884——.

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Reginald Heber Fitz.

Shattuck Professor of Pathological Anatomy, 1879——.

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Harold North Fowler.

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Kuno Francke.

Instructor in German, 1884——.

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Wolcott Gibbs.

Rumford Professor and Lecturer on the Application of Science to the Useful Arts, 1863——.

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William Benjamin Goldsmith.

Clinical Instructor in Mental Diseases, 1884–1886.

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George Lincoln Goodale.

Professor of Botany, 1878——. *Director of the Botanic Garden*, 1879——.

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William Watson Goodwin.

Eliot Professor of Greek Literature, 1860——.

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3. The relation of the *Πρόεδροι* to the *Πρυτάνεις* in the Athenian senate. *Ibid.* pp. 165–175.
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6. Reviews in the *Nation, etc.*

Asa Gray.

Fisher Professor of Natural History, 1842——. *Director of the Herbarium*, 1883——.

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John Chipman Gray.

Royall Professor of Law, 1883——.

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Charles Montraville Green.

Instructor in Obstetrics, 1885——.

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2. Dr. Green has also contributed to the *Boston Med. and Surg. Journ.* reviews of obstetrical works and monthly reports of the proceedings of the Obstetrical Society of Boston.

John Orne Green.

Clinical Instructor in Otology, 1875——.

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Francis Boott Greenough.

Clinical Instructor in Syphilis, 1875——.

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Herman August Hagen.

Professor of Entomology, 1870——.

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5–12. In the *Canadian Entomologist*, 1886; vol. xviii.: — 5. Twelve years experience with rubber stoppers used in the biological collection. Jan., pp. 1–4. — 6. On the probable food of the larva of Scenopinus. Apr., pp. 73, 74. — 7. Coleophor alaricella Hb., very injurious to Larix Europea in Massachusetts. July, pp. 125, 126. — 8. Embia minuta Costa. July, p. 126. — 9. On the previous stages of Ptinidae and allied groups. Aug., pp. 153–157. — 10. On Cecidomyia Liriodendri. Aug., pp. 159, 160. — 11. A new Phytoptocecidium from N. America on Achillea. Sept., pp. 174, 175. — 12. The highest elevation for Neuroptera in the United States. — Binding of books injured by Lepisma in the library in Andover, Mass. Sept., pp. 178–180.

Edwin Herbert Hall.

Instructor in Physics, 1881——.

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Albert Bushnell Hart.

Instructor in American History, 1885–1886; *Instructor in History*, 1886——.

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4. Smaller outline map of the United States. With Edward Channing. Boston. 1886.

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Henry Barker Hill.

Professor of Chemistry, 1884——.

1. Ueber Bromboruzschleimsäure. H. B. Hill and C. R. Sanger. [Mittheilung aus d. chemischen Laboratorium d. Universität Harvard.] *Annalen d. Chem. u. Pharm.* Feb. 1886; ccxxxii. (Heft 3) 42–102.

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William Barker Hills.

Assistant Professor of Chemistry, 1884——.

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7. Reviews of chemical works in the same journal.

Oliver Wendell Holmes.

Professor of Anatomy, Emeritus, 1882——.

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2. Medicine in Boston. Additional memoranda. *Mem. Hist. of Boston.* Ed. Justin Winsor. Vol. iv. Boston. 1881. pp. 349–370.

3. The word of promise. Hymn sung at the 250th anniversary of the organization of the First Church in Cambridge, Feb. 12, 1886. *Services at the Celebration*, etc. Cambridge. 1885. p. 22. Remarks by Dr. Holmes, p. 120.

4–6. The new portfolio. *Atlantic Monthly*, 1886.

4. A cry from the study, Jan.; lvii. 91–98. — 5. Two "occasional" poems with an introduction. [The old tune. Thirty-sixth variation. 1859–1886. — To Frederick Henry Hedge on his eightieth birthday.] Mar.; lvii. 369–374. — 6. A prospective visit, July; lviii. 1–16.

John Homans.

Clinical Instructor in the Diagnosis and Treatment of Ovarian Tumors, 1881——.

1–3. In the *Boston Med. and Surg. Journ.* 1886. — 1. A successful case of laparotomy for peri-

typhlitic abscess. 29 Apr.; cxiv. 388. — 2. A case of extra-uterine pregnancy of seven years' duration in which the bones of an adult foetus were found during an attempt at ovariotomy. 13 May; cxiv. 457, 465. — 3. Extreme meteorism relieved by electricity. 20 May; cxiv. 464.

Oliver Whipple Huntington.

Instructor in Mineralogy, 1884–86; *Instructor in Mineralogy and Chemistry*, 1886——.

1. On the crystalline structure of iron meteorites. [Contributions from the Chemical lab. of Harvard College.] *Proc. Am. Acad.*, 1886; xxi. 478–498. Also *Amer. Journ. of Science*, Oct. 1886; 3d series, xxxii. 284–303.

An abstract of the above was presented to the British Association for the Advancement of Science, Sept. 8th, 1886.

Charles Loring Jackson.

Professor of Chemistry, 1881——.

1. Ueber Benzoltrisulfosäure. With John F. Wing. *Ber. d. deutsch. chem. Gesellsch.* 1886; p. 898.
2. Ueber die Einwirkung von Natrium auf Tribenzylamine. With John F. Wing. *Ibid.* p. 900.
3. Ueber die directe Umwandlung der aromatischen Sulfosäuren in die entsprechenden Amidoverbindungen. With John F. Wing. *Ibid.* p. 902.
4. On the action of chromic superfluoride on benzoic acid. With George T. Hartshorn. [Contributions from the chemical lab. of Harvard College.] *Am. Chem. Journ.* vii. 343.

Robert Tracy Jackson.

Assistant in Geology, 1884–1886.

1. A new museum pest. *Science*, 28 May, 1886; vii. 481.

William James.

Professor of Philosophy, 1885——.

1. Report of committee on hypnotism. *Proc. Am. Soc. for Psychical Research*, July, 1886; pp. 95–102.
2. Report of committee on mediumistic phenomena. *Ibid.* pp. 102–106.

Frederick Irving Knight.

Assistant Professor of Laryngology, 1882——.

1. Recent methods of treating hay-fever. *Boston Med. and Surg. Journ.* 5 Nov. 1885; cxiii. 443.
2. Laryngeal vertigo. *N. Y. Med. Journ.* 10 July, 1886. Also *Boston Med. and Surg. Journ.* 10 June, 1886; cxiv. 543.

William Coolidge Lane.

Assistant in charge of the Catalogues at the Library, 1881——.

1. Notes on Mr. Schwartz's classification and notation. *Libr. Journ.* Jan. 1886; xi. 8.
2. The Astor library catalogue. *Ibid.* June, 1886; xi. 160.
3. The Harvard college library subject index. *Ibid.* Aug.—Sept. 1886; xi. 208.
4. Index to reference lists and special bibliographies included in periodical and other publications of recent date. *Harv. Univ. Bull.* Oct. 1885; iv. 193–200. Separately as *Bibliographical contribution* no. 20.
5. Edited the Harvard University Catalogue. 1885–1886. Cambridge. 1886.
6. Edited the Directory of the officers and students of Harvard University. Oct. 1885. Cambridge. 1885.
7. The Dante collections of the Harvard College and Boston Public Libraries. Part ii. *Harv. Univ. Bull.* Oct. 1885; iv. (no. 32) 188–193.

Charles Rockwell Lanman.

Professor of Sanskrit, 1880——.

1–3. Edited, as Corresponding Secretary: *Proceedings* of the American Oriental Society, 1. at New York, Oct. 1885; — 2. at Boston, May, 1886; 2 vols. New Haven, Conn. 1886. 8°. pp. xxxvii., xli. — 3. *Journal* of the Society, xiii. pp. xlv.–cxxii.

James Laurence Laughlin.

Assistant Professor of Political Economy, 1883——.

1. History of bimetallism in the United States. New York. D. Appleton & Co. 8°.
2. The silver problem. *Science*, 19 Mar. 1886; vii. 268.

James Russell Lowell.

Smith Professor of the French and Spanish Languages and Literatures and Professor of Belles-Lettres, 1855–1886; *Emeritus*, 1886——.

1. Address at the dedication of the new library building, Chelsea, Mass. *Proceedings at the Dedication*, 22 Dec. 1885. Cambridge. 1886. 8°. pp. 16–30. Also *Libr. Journ.* Jan. 1886; xi. 10–14.
2. International copyright. *Critic*, Mar. 1886; viii. 119.
3. Thomas Gray. *New Princeton Rev.* Mar. 1886; i. 153.

David Gordon Lyon.

Hollis Professor of Divinity, 1882——.

1. An Assyrian manual for the use of beginners in the study of the Assyrian language. Chicago. 1886. 8°. pp. xlv. 138.

2. Notice of Delitzsch's Assyrische Lesestücke, ed. 3. *Hebraica* (Chicago), Oct. 1885; ii. 61.
3. Who were the Chaldeans? *Sunday School Times* (Phila.), 9 Jan. 1886; xxviii. 19.
4. On a sacrificial tablet from Sippar. *Proc. Am. Orient. Soc.* (Boston), May, 1886; pp. xxx.
5. On certain recent important Assyriological publications. *Ibid.* pp. xxx–xxxi.
6. The Cyrus cylinder. *Journ. Soc. Bibl. Lit. and Exegesis*, June, 1886; p. 139.

Edward Laurens Mark.

Assistant Professor of Zoölogy, 1883–1885; *Hersey Professor of Anatomy*, 1885——.

1. Contributions from the zoölogical laboratory of the Museum of Comparative Zoölogy at Harvard College, prepared under the supervision of Professor Mark. VIII. Observations on the development of Agelena naevia. W. A. Locy. *Bull. Mus. Comp. Zoöl.* Jan. 1886; xii. 3. pp. 63–108, *plates* 12.

Charles Sedgwick Minot.

Instructor in Histology and Embryology, 1883——.

1. The early stages of human development. Part ii. Embryos of the third week. *N. Y. Med. Journ.* 10, 17 Oct. 1885; xlii. 396–401, 426–431.

Part i. appeared in the same *Journal*; xlii. 197.

2–14. In *Wood's Reference Handbook of the Medical Sciences*. New York. 1886. Vol. ii.: Chorion, Coelom, Decidua; Ear (development); Foetus (development); Ectoderm; Embryology, Entoderm; Evolution of man. — Vol. iii.: Gastrula, Germ-layers, Growth.

15. Review of Hudson's Rotifera. *Science*, 30 Apr. 1886; vii. 402.
16–20. Abstracts, five papers: Organization and Death; A new membrane of the human skin; The structure of the human placenta; Morphology of the supra-renal capsules; Evolution of the lungs. *Proc. Am. Assoc. Adv. of Science*, 1886; xxxiv. 311–313.
21. Structure of the human skin. *Am. Naturalist*, 1886; pp. 575–578.
22. Report on histology and embryology. *Boston Med. and Surg. Journ.* 20 May, 1886; cxiv. 460–463.
23. The physical basis of heredity. *Science*, suppl. 6 Aug. 1886; viii. 125–130.
24. Notes on histological technique. *Zeitschr. f. wiss. Mikroskopie u. f. mikr. Technik*; iii. 173–178.
25. The number habit. *Proc. Am. Soc. Psychical Research*, July, 1886; pp. 86–95.

Francis Minot.

Hersey Professor of the Theory and Practice of Physic, 1874——.

1–4. The articles on Diseases of the membranes of the brain; Tubercular meningitis; Chronic hydrocephalus; Diseases of the membranes of the spinal cord, — in *Pepper's System of Practical Medicine*. Philadelphia. 1886. 8°. Vol. v.

Charles Eliot Norton.

Professor of the History of Art, 1875——.

1. Early letters of Thomas Carlyle, edited by Charles Eliot Norton. Vol. i. 1814–1821; vol. ii. 1821–1826. London. Macmillan & Co. 1886. 8°.
2. Recollections of Carlyle. *New Princeton Rev.* July, 1886; ii. 1.

George Herbert Palmer.

Professor of Philosophy, 1883——.

1. The new education. *Andover Review*, Nov. 1885; iv. 393–407.

Andrew Preston Peabody.

Preacher to the University, and Plummer Professor of Christian Morals, Emeritus, 1881——.

1. Cicero's Tuscular disputations, translated, with an introduction and notes. Boston. Little, Brown & Co. 1886. 12°. pp. xxiii. 331.
2. "Therefore," or, the working forces of Christianity. A sermon, first preached at Appleton Chapel. Boston. Cupples, Upham & Co. 1886. 8°. pp. 16.
3. Jesus Christ. A sermon preached at the Church of the Saviour, Brooklyn, N. Y. 18 Dec. 1885, and at King's Chapel, Boston, 14 Feb. 1886. Brooklyn. Tremlett & Co. 1886. 8°. pp. 20.
4. Strength and beauty. Baccalaureate sermon for the class of 1886. Cambridge. 1886. 8°. pp. 15.
5. Address at the library festival at Wellesley college, 4 June, 1886. *Library Festival at Wellesley College*. Cambridge. 1886. 4°. pp. 9–20. Also in the *Christian Watchman*.
6. Is pantheism the legitimate outcome of modern science? *Journ. of Speculative Philos.* Oct. 1885; xix. 337.
7. A liberal education. *New Englander*, Mar. 1886; xliv. 143.
8. Rev. Oliver Stearns, D.D. *Unitarian Rev.* Oct. 1885; xxiv. 330.
9. Rufus Ellis, D.D. *Ibid.* Dec. 1885; xxiv. 502.
10. Memoir of John Langdon Sibley. *Proc. Mass. Hist. Soc.* May, 1886; 2d series, ii. 487. *Also* separately. Cambridge. 1886. 8°. pp. 28, *portr.*

Francis Greenwood Peabody.

Parkman Professor of Theology, 1881–1886; *Plummer Professor of Christian Morals*, 1886——.

1. A thirst for the living God. A sermon preached in Brooklyn and Boston and published by the Church of the Saviour, Brooklyn, N. Y.
2. Social reforms as subjects for university study. *Independent*, 14 Jan. 1886.

3. The literature of social reforms. *Ibid.* 8 Apr. 1886.

4. Knowing God and being known of him. A sermon. *Unitarian* (Chicago), Mar. 1886.

Edward Charles Pickering.

Phillips Professor of Astronomy and Professor of Geodesy and Director of the Observatory, 1876——.

1. A plan for the extension of astronomical research. 8°. Cambridge. 1886.

2. Faint stars for standards of stellar magnitude. *Sidereal Messenger*, iv. 24. Also *Astronom. Reg.* xxiii. 39.

3. Photographic study of stellar spectra. Henry Draper Memorial. [Circular, reprinted in *Nature*, xxxiii. 535, and *Science*, vii. 278.]

4. Accurate mountain heights. *Appalachia*, iv. 215. Also *Science*, vii. 423.

5. On the new nebula discovered in the Pleiades by MM. Henry. *Astronom. Nachrichten*, cxiii. 399.

6. Photometric observations of the new star near χ^1 *Orionis*. *Ibid.* cxiv. 283.

7. Magnitudes of comparison stars employed in Dr. Müller's Determination of the phases of asteroids. *Ibid.* cxiv. 413.

8. Positions of the new star χ^1 *Orionis*. *Ibid.* cxv. 31.

9. Atmospheric refraction. *Proc. Am. Acad.* xxi. 268.

10. A new form of polarimeter. *Ibid.* xxi. 294. Observations of variable stars in 1885. *Ibid.* xxi. 319.

11. An investigation in stellar photography. *Memoirs Am. Acad.* xi. 179.

12. Comparison of maps of the ultra-violet spectrum. *Am. Journ. Science*, Sept. 1886; 3d ser. xxxii. 203–226.

Abner Post.

Clinical Instructor in Syphilis, 1882——.

1, 2. Articles: Gonorrhoea, Herpes progenitalis. *Wood's Reference Handbook of the Medical Sciences.* Ed. A. H. Buck. N. Y. 1886.

3. Various unsigned editorial contributions to the *Boston Med. and Surg. Journ.*

Frederick Ward Putnam.

Curator of the Peabody Museum of American Archaeology and Ethnology, 1874——.

1. Explorations in Ohio. Conducted for the Peabody Museum of American Archaeology and Ethnology, in connection with Harvard University. By C. L. Metz and F. W. Putnam. The Marriott mound, no. 1, and its contents. *Eighteenth Report of the Peabody Museum*, 1884; iii. 449. *Also* separately, 1886. 8°. *Illustr.*

2. Account of continued explorations of mounds in Ohio, by C. L. Metz and F. W. Putnam. *Proc. Am. Antiq. Soc.* Oct. 1885; n. s. iv. 9.

3. Man and the mastodon. *Science*, Oct. 1885; vi. 376.

See in connection with this, *Nineteenth Report Peabody Museum*, 1885; 493.

4. Account of recent explorations of mounds in Ohio. *Proc. Boston Soc. Nat. Hist.* 1885; xxiii. 215.

5. On the methods of archaeological research in America. A lecture delivered before the Johns Hopkins University Archaeological Society, Dec. 1885. *Johns Hopkins University Circulars*, May, 1886; v. 89.

6. On jadeite ornaments from Central America. *Proc. Mass. Hist. Soc.* Jan. 1886.

7. Central American jades. *Proc. Am. Antiq. Soc.* Apr. 1886; new series, iv. 623.

8. Note on Alaskan jade. *Ibid.* Apr. 1886; new series, iv. 64.

9. Eighteenth and Nineteenth annual reports of the Trustees of the Peabody Museum of American Archaeology and Ethnology, presented to the President and Fellows of Harvard College, Apr. 1886. Vol. iii. nos. 5, 6. pp. 385–512. *Illustr.*

Contains the abstracts from the records of the Board of Trustees, the reports of the Treasurer, and Curator (F. W. Putnam), with special papers, the titles of which are given on p. 4. The nineteenth report contains a review of the history of the Museum, and a statement of the principles upon which it is arranged.

10. Edited the Proceedings of the American Association for the Advancement of Science, xxxiv. (1885) 1886.

11. Twentieth annual report of the Commissioners on Inland Fisheries for 1885 (conjointly with other commissioners). Boston, 1886. *Mass. Pub. Doc.* 1885; no. 25.

James Jackson Putnam.

Clinical Instructor in Diseases of the Nervous System, 1875–1885; *Instructor in Diseases of the Nervous System*, 1885——.

1. Neuralgia. *Pepper's System of Practical Medicine. Phila.* 1886.

William Lambert Richardson.

Assistant Professor in Obstetrics, 1882–1886; *Professor of Obstetrics*, 1886——.

1. Address on the duties and conduct of nurses in private nursing. Delivered at Boston Training School for Nurses, June 18, 1886. Boston. 1886. 16°. pp. 26.

John Ritchie, Jr.

Assistant in the Observatory in charge of the Distribution of Astronomical Information, 1883——.

1. Check list of British land shells. *Random Notes*, Oct. 1885; p. 80.

2. Check list of genus Clausilia. *Ibid.* Feb.—June, 1886; pp. 16, 24, 32, 40, 48.

3. Mr. Toppan's new process for scouring wool. Lecture before the Essex Institute, Salem, March 15, and before the Boston Scientific Society, March 23. *Bull. Essex Institute*, Jan.—March, 1886; pp. 1–15. *Science Observer*, no. 48, pp. 89–98.

4. Discovery of asteroid Peters (259). *Science Observer*, no. 49, p. 8.

5. Discovery of Winnecke's comet. *Ibid.* no. 49, p. 9.

6. Edited and published the *Science Observer*, nos. 47–49. — *Science Observer circulars*, nos. 61–70. Boston. 8°.

Contents: 1885. 61. Discovery of asteroid Palisa (251), of asteroid Perrotin (252), of Biela meteor shower, discovery, elements and ephemeris of comet Fabry (S. C. Chandler, Jr., and O. C. Wendell), discovery of comet Barnard. — 62. Elements and ephemeris of comet Barnard and of comet Fabry (both by S. C. Chandler, Jr., and O. C. Wendell). 12 Dec. 1886. 63. Discovery, elements and ephemeris of 2d comet Brooks, 1885 (S. C. Chandler, Jr., and O. C. Wendell), new variable star in the constellation Vulpecula (E. F. Sawyer). 4 Jan. — 64. Elements and ephemeris of comet Barnard, 1885 (H. V. Egbert). 16 Jan. — 65. Discovery of asteroids (4) Palisa, 10 April. — 66. Discovery of comet Brooks *a*, discovery and orbit of comet Brooks *b* (Prof. E. Frisby), discovery of asteroid Luther. 8 May.—67. Elements and ephemeris of comet Brooks *a* (H. V. Egbert), of comet Brooks *b* (Prof. E. Frisby). 11 May. — 68. Elements and ephemeris of comet Brooks *a* (H. V. Egbert), of comet Brooks *b* (Lewis Boss). 14 May. — 69. Discovery, elements and ephemeris of comet Brooks *c* (H. V. Egbert). 4 June. — 70. Elements and ephemeris of comet Brooks *c* (Dr. H. Oppenheim). 8 June. These circulars are reprinted in the next succeeding *Science Observer* as a matter of record.

7. Science Observer international circulars, nos. 13–16. Berlin, Germany. 8°.

These contain orbits of comets computed in this country, and cabled abroad. They are an edition in German of some of the *Science Observer Circulars*.

Contents: 1886. 13. Elements and ephemeris of 2d comet Brooks 1885 (S. C. Chandler, Jr.). 3 Jan. — 14. Elements and ephemeris of comet Brooks *b* (E. Frisby). 8 May. — 15. Elements and ephemeris of comet Brooks *a* (H. V. Egbert). 11 May. — 16. Elements and ephemeris of comet Brooks *c* (H. V. Egbert). 6 June.

Thomas Morgan Rotch.

Instructor in Diseases of Children, 1885——.

1. Cardiac disease in infancy and childhood. Lecture delivered at the Harvard Medical School, Feb. 5, 1886. *Archives of Pediatrics*, Mar. 1886.

2. Report on diseases of children. *Boston Med. and Surg. Journ.* 17 Dec. 1885, 29 Apr. 1866; cxiii. 581, cxiv. 392.

3–7. Six cases occurring in practice: 3. Spasmodic abdominal contractions. — 4. Paralysis of both arms in congential syphilis. — 5. Two cases of empyema (1) at eighteen months (2) at four years. — 6. Double pleuritic effusion. — 7. Simulated vesical and renal calculus. *Ibid.* 18 Mar. 1886; cxiv. 242.

Josiah Royce.

Assistant Professor of Philosophy, 1885——.

1. California, from the conquest in 1846 to the second vigilance committee in San Francisco. A study of American character. (American Commonwealths series.) Boston. 1886. 16°. pp. xvi. 518.

2. [Review of] Abbot's scientific theism. *Science*, 9 Apr. 1886; vii. 335–338.

3. [Review of Von Hartmann's] Philosophical questions of the day. *Ibid.* 7 May, 1886; vii. 425.

Charles Sprague Sargent.

Arnold Professor of Arboriculture, 1879——; *Director of the Arnold Aboretum*, 1872——.

1. Annual report of the Director of the Arnold Arboretum to the President and Fellows of Harvard College. 1884–85. Printed in *President's Report* and also issued separately. pp. 7.

2. Asa Gray. Reprinted from the "Sun" newspaper, issue of Jan. 30, 1886. 8°. pp. 16.

3. Some additional notes on trees and tree planting in Massachusetts. *Annual Report of the Mass. State Board of Agriculture*, 1885. *Also* separately. Boston. 1886. pp. 21.

4. A new California spruce (Picea Breweriana). *Gardiner's Chron.* (London), 17 Apr. 1886; n. s. xxv. 498.

5. Syringa Japonica. *Ibid.* 1 May, 1886; n. s. xxv. 560.

6. Dendrological notes. *Bull. Torrey Botan. Club*, May, 1886; xiii. 78–81.

7. The larchs of western North America. *Gardiner's Chron.* (London), 22 May, 1886; n. s. xxv. 652.

Dudley Allen Sargent.

Assistant Professor of Physical Training, and Director of the Hemenway Gymnasium, 1879——.

1. The effect of military drill on boys. *Boston Med. and Surg. Journ.* 16 Sept. 1886; cxv. 245–249. *Also* separately. Cambridge. 1886. 18°. pp. 16.

Arthur Searle.

Assistant Professor of Astronomy, 1883——.

1. The apparent position of the zodiacal light. *Mem. Am. Acad.* 1885; xi. 135.

Nathaniel Southgate Shaler.

Professor of Palaeontology, 1869——.

1. A series of twenty-five colored geological models and twenty-five photographs of important geological objects, each accompanied by letter-press description, with the assistance of Professor W. M. Davis and Mr. T. W. Harris. Boston: D. C. Heath & Co. 1886.

2. Preliminary report on the geology of the Cobscook Bay district, Maine. *Am. Journ. Sci.* July, 1886; 3d ser. xxxii. 35–60, *cuts*.

3. The swamps of the United States. *Science*, 12 Mar. 1886; vii. 232.

Frederick Cheever Shattuck.

Instructor in the Theory and Practice of Physic, 1884——.

1. Laryngeal spasm in adults, with the report of two cases, one of gouty, the other of undetermined origin. *Boston Med. and Surg. Journ.* 7 Jan. 1886; cxiv. 1–3.

2. A case of essential pernicious anaemia. *Ibid.* 4 Feb. 1886; cxiv. 107.

3, 4. Reports on recent progress in thoracic disease. *Ibid.* 4 Mar., 19 Aug. 1886; cxiv. 199, cxv. 155.

5–7. Articles on the Heart: — 5. Aneurism of valves. — 6. Valves and orifices. — 7. Congenital and acquired diseases. *Wood's Reference Handbook of the Medical Sciences.* New York. 1886. Vol. iii.

Edward Stevens Sheldon.

Assistant Professor of Romance Philology, 1884——.

1. [Notice of] Grundzüge der Phonetik zur Einführung in das Studium der Lautlehre der indogermanischen Sprachen. Von Eduard Sievers. Dritte verbesserte Auflage. *Modern Language Notes*, Mar. 1886; i. col. 71.

Clement Lawrence Smith.

Professor of Latin, 1883——; *Dean of the College Faculty*, 1882——.

1. Annual report of the Dean of Harvard College for 1884–85. *President's Report* for 1884–85. pp. 61–103.

Frank William Taussig.

Instructor in Political Economy, 1882–1886; *Assistant Professor of Political Economy*, 1886——.

1. Topics and references in Political Economy VI. Cambridge. 1886. 8°. pp. 31.
2. Prices from 1873 to 1884. *Science*, 23 Oct. 1885; vi. 365.
3. Hadley's Railroad transportation. *Ibid.* 19 Mar. 1886; vii. 258.
4. The State as an economic factor. *Ibid.* 28 May, 1886; vii. 488. Also in *Science Economic Discussion.* New York. 1886. pp. 34–38.

Crawford Howell Toy.

Hancock Professor of Hebrew and other Oriental Languages, and Dexter Lecturer on Biblical Literature, 1880——.

1. The present position of Pentateuch-criticism. *Unitarian Review*, Jan. 1886; xxv. 47–68.
2. On the Asaph-psalms. *Journ. Soc. Bibl. Lit. and Exegesis*, June, 1886; pp. 73–83.
3. On Maccabean psalms. *Unitarian Review*, July, 1886; xxvi. 1–21.
4. The new philology. *Science*, 23 Oct. 1885; vi. 366.
5. A new English dictionary [Review of the dictionary of the Philological Society]. *Ibid.* 18 June, 1886; vii. 557.

Herman Frank Vickery.

Assistant in Clinical Medicine, 1885——.

1. Enlarged cervical glands. *Boston Med. and Surg. Journ.* 11 Mar. 1886; cxiv. 219–221.

Read before the section for Clinical Medicine, Pathology and Hygiene of the Suffolk District Medical Society, 13 Jan. 1886.

Marshman Edward Wadsworth.

Assistant in Lithology, 1877–1886.

1. Religious instruction at Harvard. *Nation*, 12 Nov. 1885; xli. 402.

Oliver Fairfield Wadsworth.

Clinical Instructor in Ophthalmoscopy, 1881——.

1. Double optic neuritis and ophthalmoplegia from lead poisoning; complicated by typhoid fever. *Trans. Am. Ophthalmol. Soc.* 1885; iv. 50.
2. Luxation of lens beneath Tenon's capsule. *Ibid.* p. 147.

John Collins Warren.

Assistant Professor in Surgery, 1882——.

1. The healing of arteries after ligature in man and animals. New York: Wood & Co. 1886. 8°. pp. 184, *plates* 14.

Sereno Watson.

Curator of the Herbarium, 1874——.

1–4. Contributions to American Botany: — 1. List of plants collected by Dr. Edward Palmer in southwestern Chihuahua, Mexico, in 1885. — 2. Descriptions of new species of plants, chiefly from the Pacific States and Chihuahua. — 3. Notes upon plants collected in the department of Yzabal, Guatemala, Feb. to Apr. 1885. — I. *Ranunculaceæ* to *Connaraceæ*. — 4. Notes upon some palms of Guatemala. *Proc. Am. Acad.* 1886; xxi. 414–468. *Also* in a separate issue (2 June, 1886), as "Contributions to American Botany, XIII.," with Index.

Oliver Clinton Wendell.

Assistant in the Observatory, 1880——.

1. Comet 1883 I. (Brooks). *Sidereal Messenger*, v. 92.
2. Orbits of meteors. *Astronomische Nachrichten*, cxiv. 285. Also *Sidereal Messenger*, v. 111.
3. Comet-meteor radiants. *Ibid.* cxiv. 329. Also *Sidereal Messenger*, v. 152.
4. Orbit of comet 1886 (Brooks 2). *Ibid.* cxiv. 415. Also *Sidereal Messenger*, v. 220.

See also the contents of the *Science Observer circulars* under the name of Mr. Ritchie.

Benjamin Ide Wheeler.

Instructor in German, 1885–1886.

1. Der griechische Nominalaccent. Strassburg. 1885. 8°. pp. 146.
2. Review of Wilhelm Scherer's History of German literature. Transl. from the German by Mrs. F. C. Conybeare. *Harvard Monthly*, Apr. 1886; ii. 79–82.

James Clarke White.

Professor of Dermatology, 1871——.

1. The treatment of lupus by parasiticides. *Boston Med. and Surg. Journ.* 29 Oct. 1885; cxiii. 409–414.
2. Cases of angioma pigmentosum et atrophicum. *Journ. Cutaneous and Venereal Diseases*, Dec. 1885.
3. Dermatolysis. *Wood's Reference Handbook of the Medical Sciences.* New York. 1886.

John Williams White.

Professor of Greek, 1884——.

1. Fourth annual report of the managing committee of the American School of Classical Studies at Athens. Cambridge. 1885. 8°. pp. 30.

There has also recently appeared: — First, second, and third annual reports of the managing committee of the American School of Classical Studies at Athens. 1881–1884. [Reprinted.] Cambridge. 1886. 8°. pp. 30.

Edward Newton Whittier.

Assistant Professor of Clinical Medicine, 1884——

1. A mediastinal tumor. *Boston Med. and Surg. Journ.* 1 Apr. 1886; cxiv. 289.

Francis Henry Williams.

Instructor in Materia Medica and Therapeutics, 1885–1886; *Assistant Professor of Materia Medica and Therapeutics*, 1886——.

1. Report on therapeutics. *Boston Med. and Surg. Journ.* 23, 30 Sept. 1886; cxv. 276–279, 296–298.

Henry Willard Williams.

Professor of Ophthalmology, 1871——.

1. The diagnosis and treatment of the diseases of the eye. Second edition, revised and enlarged. Boston. 1886. 8°. pp. 484.
2. Our eyes, and how to take care of them. New and revised edition. Boston. 1886. 12°. pp. 106.
3. Cocaine in ophthalmic medicine and surgery. Simple cataract extraction. Exenteration of the eyeball. Boston. 1886. 8°. pp. 20.
4. Simple cataract extraction. *Boston Med. and Surg. Journ.* 22, 29 Oct. 1885; cxiii. 385, 414.

Justin Winsor.

Librarian of the University, 1877——.

1. The narrative and critical history of America. Vols. ii.–iv. Boston. [1886.] Roy. 8°. and f°. eds.

Editor, and writer of the following sections: —

1. Documentary sources of early Spanish-American history. Vol. ii. pp. i.–ix.
2. Columbus and his discoveries. Vol. ii. pp. 1–92.
3. The earliest maps of the Spanish and Portuguese discoveries. Vol. ii. pp. 93–128.
4. Vespucius and the naming of America. Vol. ii. pp. 153–179.
5. Bibliography of Pomponius Mela, Solinus, Vadianus, and Apianus. Vol. ii. pp. 180–186.
6. Early cartography of the gulf of Mexico. Vol. ii. pp. 217–230.
7. Cortes and his companions. Vol. ii. pp. 349–430.
8. Discoveries on the Pacific coast of North America. Vol. ii. pp. 431–472.
9. The Amazon and Eldorado. Vol. ii. pp. 579–590.
10. Notes on Hawkins and Drake. Vol. iii. pp. 78–84.
11. The Zeno influence on early cartography, etc. Vol. iii. pp. 100–104.
12. Maps of Virginia. Vol. iii. pp. 167–168.
13. Earliest English publications on America. Vol. iii. pp. 199–218.
14. Early maps of New England. Vol. iii. pp. 380–384.
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INDEX

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INCLUDED IN

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4. JUSTIN WINSOR. Pietas et Gratulatio. An Inquiry into the authorship of the several pieces.
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BIBLIOGRAPHICAL CONTRIBUTIONS.

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LIBRARIAN.

No. 25.

A LIST OF WORKS ON NORTH AMERICAN FUNGI.

By W. G. FARLOW and WILLIAM TRELEASE.

CAMBRIDGE, MASS.:
Issued by the Library of Harvard University.
1887.

Already issued or in preparation:

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24. WILLIAM C. LANE. Index to Recent Reference Lists, 1885–1886.
25. W. G. FARLOW and WILLIAM TRELEASE. List of Works on North American Fungi.

LIST OF WORKS ON NORTH AMERICAN FUNGI,

WITH THE EXCEPTION OF SCHIZOMYCETES, PUBLISHED BEFORE 1887.

By W. G. FARLOW and WILLIAM TRELEASE.

The following list has been prepared from a card-catalogue of authors used in indexing the species of fungi found in the United States and the northern parts of North America. The list does not include works on *Schizomycetes*, as that group is now studied principally by specialists, and includes forms the greater part of which belong rather to the department of medicine than to botany proper, and the literature of the subject is already well indexed elsewhere. The present list aims to include mainly works of greater or less value to working botanists, and it would be difficult and, perhaps, unnecessary to add the very large number of papers of a popular and indefinite character relating to fungi not specifically named which are scattered through the various agricultural, horticultural, and other journals. Neither has it been thought best to enumerate the general and, to botanists, well-known treatises which include fungi as well as other orders of plants, unless special reference is made to North American species, or unless they contain figures of our species not easily found elsewhere. As it is, the present list, which is the first of the kind yet published, will show that the general belief of botanists not specially studying the subject that very little has been written on North American mycology is by no means correct. The means for obtaining good summaries of the current literature have, within the last few years, been much improved; and, in order to complete the record of the past as far as possible, botanists are requested to send corrections of and additions to the present list, which may be issued in a supplement. Thanks are due to a number of authors who have kindly consented to revise the list of their works for publication.

Where the pages of reprints differ from the original they are put in parenthesis. The dates after authors' names indicate the date of birth, and death is indicated by a cross (†).

W. G. FARLOW.

Cambridge, February 23, 1887.

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1. **Agricultural Reports.**

For papers on fungi in the reports of the Department of Agriculture up to the year 1876 consult the following: —

A general index of the Agricultural Reports of the Patent Office for twenty-five years from 1837–1861, and of the Department of Agriculture for fifteen years from 1862–1876. 8°. pp. 225. Washington. 1879.

Subsequent papers under authors' names.

2. **American Naturalist,** The. Monthly, illustr. Vol. I.–XX. March, 1867—Jan. 1887. To be continued.

Devoted to all branches of natural history. The first nine volumes published at Salem, Mass., X.–XI. at Boston, XII.–XX. at Philadelphia. For X.–XI. there was an associate editor for botany, G. L. Goodale, and since 1881, XV., C. E. Bessey. Articles on fungi given here under authors' names. Reviews of mycological works by the editors.

Andrews, Charles Lowell.

3. Contributions to the Mycology of Massachusetts. *Proc. Boston Soc. Nat. Hist.* V. pp. 321–323. April, 1856.

Remarks on the study of fungi and their economical importance, followed by a list of 36 species collected by the author.

4. **Arctic Manual.** See Manual.

Arthur, Joseph Charles. Lowville, N. Y. 11 Jan. 1850. See Bessey, C. E. See Botanical Gazette.

5. —— The interpretation of Schweinitzian and other early descriptions. *Am. Nat.* XVII. 77, 78. Jan. 1883.

6. —— Descriptions of Iowa *Uromyces*. *Bull. Minnesota Acad. Nat. Sci.* II. 13–37. Minneapolis. Printed 31 May, 1883.

Descriptions of 12 species, one of them new, *U. acuminatus*, with index of synonyms and host-plants.

7. —— American *Aecidia* on *Ranunculi*. *Bot. Gaz.* IX. 177. Oct. 1884.

Note on aecidia on *Ranunculus abortivus* and *Anemone nemorosa*.

8. —— Preliminary list of Iowa *Uredineae*. *Bull. Iowa Agr. College*, Dept. of Botany. 151–171. Nov. 1884. Issued Jan. 1885.

Enumerates 134 species, and describes 6 new species with index of host-plants. See no. 65. Names of new species in *Jour. Myc.* I. 47.

9. —— Memorandum of Iowa *Ustilagineae*. *Bull. Iowa Agr. College*, Dept. of Botany. 172–174. Nov. 1884. Issued Jan. 1885.

Enumerates 25 species, of which 2 are new. This paper and the preceding were subsequently issued together as a separate paper with original paging.

10. —— Hollyhock disease and the cotton plant. *Science*, V. 2. Jan. 2, 1885. Also *Jour. Myc.* I. 27. Feb. 1885.

Reports experiments by Plowright to show that *Puccinia Malvacearum* will not grow on the cotton plant.

11. —— The *Aecidium* of *Adoxa*. *Bot. Gaz.* X. 369. Sept. 1885. Also *Jour. Myc.* I. 141. Nov. 1885.

States that *Aecidium albescens* is an annual.

12. —— Report of the Botanist to the New York Agricultural Experiment Station. 3*d* *Annual Rept. N. Y. Agr. Exp. Station for* 1884. pp. 353–385. Fig. 5. 8°. Albany.

Notices of pear blight, *Fusicladium pyrinum*, *F. dendriticum*, *Morthiera Mespili*, *Podosphaera tridactyla*, *Sphaeropsis Cydoniae*, *Exoascus deformans*, peach yellows, gummosis, *Glososporium phomoides*, *Ustilago segetum*, *Clematis* disease, etc. For *Clematis* disease see also *Country Gentleman*, 25 June, 1885. This report was distributed about 1 Sept. 1885. See Rev. in *Bot. Centralblatt*, XXIV. 335.

Arthur, Joseph Charles.

13. A new larval *Entomophthora*. *Bot. Gaz.* XI. 14–17. Pl. 2. Jan. 1886.

Describes and figures *Ent. Phytonomi* on *P. punctatus*. See also *Jour. Myc.* II. 35, and 4th *Rept. N. Y. Agr. Exp. Station*. See next title.

14. —— Report of the Botanist to the New York Agricultural Experiment Station. *4th Ann. Rept. N. Y. Agr. Exp. Station for* 1885. 241–265. Fig. 10. 1st edition, Rochester, issued 30 Jan. 1886; 2d edition, Albany, Dec. 1886.

Contains accounts of *Morthiera Mespili* v. *Cydoniae Septoria Lactucae, Peronospora gangliformis, Oidium fructigenum, Entomophthora Phytonomi*, pear blight, the rotting of tomatoes, etc. The second edition has separate paging, but is accompanied by a table referring to original paging.

Atkinson, Isaac Edmondson. Baltimore, Md. 23 Jan. 1846.

15. The botanical relations of *Trichophyton tonsurans*. *N. Y. Med. Jour.* XXVIII. 561–575 (1–17). Fig. 3. New York, Dec. 1878.

Account of germination of spores and formation of cyst-like cells.

Austin, Coe Finch. Closter, N. J., 20 June, 1831. †Closter, N. J., 18 March, 1860.

16. *Agaricus* with the odor of chlorine. *Torr. Bull.* VI. 278, 279, and 298. Dec. 1878.

Characters of *Agaricus chlorinosmus*, Peck, with notes on its odor.

Bagnis, Carlo. 1854. †Aisone, 6 Aug. 1879.

17. Le *Puccinie*. 4°. pp. 83. Pl. 1–11. Rome. 1876. Ext. *Att. Reale Acad. Lincei*. 2 ser. Vol. III. Part 2. 641–721.

The author reduces the number of species of *Puccinia* to 51, and gives the synonyms of forms recognized by him, including a number of American species.

Bailey, Jacob Whitman. Ward, Mass., 29 April, 1811. †West Point, N. Y., 26 Feb. 1857.

18. Curious microscopic fungus, *Craterium pyriforme*. *Am. Jour. Sci. Arts*, XLII. 195. 1842.

Reports finding this species on rocks at West Point.

Banning, Mary Elizabeth. Talbot Co., Md. 1832.

19. Notes on the fungi of Maryland. *Field and Forest*, III. 42–47, 59–63. Sept.—Oct. 1877.

20. —— Notes on Fungi. *Bot. Gaz.* V. 5–10, 23. Jan.—Feb. 1880.

General remarks on the occurrence and habit of a number of species.

21. —— New species of fungi found in Maryland. *Bot. Gaz.* VI. 165, 166. Jan. 1881.

Characters of 4 Agarics.

22. —— Maryland Fungi. *Bot. Gaz.* VI. 200–202, 210–213. April—May, 1881.

Notes on a number of *Hymenomycetes* and *Gasteromycetes*.

Barnes, Charles Reid. Madison, Jefferson Co., Indiana, 7 Sept. 1858. See BOTANICAL GAZETTE.

23. Oospores in *Capsella*. *Bot. Gaz.* IX. 194. Dec. 1884.

Finds oospores of *Cystopus candidus* in *Capsella*.

Bary, (Heinrich) Anton DE. Frankfort-on-the-Main, 26 Jan. 1831.

24. Recherches sur le développement de quelques champignons parasites. Mémoire pour servir de réponse à une question proposée par l'Académie des Sciences en 1861 et pour servir de supplément aux travaux sur la question des générations dites spontanées. *Ann. Sci. Nat. Bot.* 4 ser. XX. 5–148 (1–144). Pl. 1–13. 1863.

Detailed account of observations on the structure and development of *Cystopus, Peronospora*, and different *Uredineae* followed by an "Essai d'un synopsis des *Péronosporées*," with full descriptions of all known species, including *P. viticola* from the United States. This monograph appeared originally in the Annales, and is not a French translation from the German as is sometimes stated in this country.

25. —— Ueber den sogenannten Brenner (Pech) der Reben. *Ann. der Oenologie*, IV. Heft 2 (1–3). 1873.

Reprint only seen. A communication to the editor giving an account of *Sphaceloma ampelinum*, with a note on the *Naemaspora ampelicida* of Engelmann in America.

Other papers of interest, although not treating strictly of North American fungi, are: "Die gegenwärtig herrschende Kartoffelkrankheit, ihre Ursache und ihre Verhütung," 8°, pp. 75, pl. 1, Leipzig, 1861; and "Researches into the nature of the potato-fungus, *Phytophthora infestans*," 8°, pp. 33, fig. 8, London, 1876; and *Jour. Royal Agr. Soc.* England, XII. part 1.

Berkeley, Miles Joseph. Biggin, Parish Oundle, Northampton, England, 1 April, 1803. See COOKE, M. C., CURTIS, M. A., KLOTZSCH, F. J., LEA, T. G., DE SEYNES, J., WYMAN, J.

26. —— Descriptions of exotic fungi in the collection of Sir W. J. Hooker, from memoirs and notes of J. F. Klotzsch, with additions and corrections. *Ann. Nat. Hist.* III. 375–401. 1839.

Review of species in Klotzsch's papers in *Linnaea*, VII. 193, and VIII. 478. Notes on 42 species from North America.

27. —— Supplement to descriptions of exotic fungi in Annals of Natural History, vol. III. 322 and 375. *Ann. Nat. Hist.* VII. 451–454. 1841.

Principally notes on species collected by Richardson in British America, with descriptions of 3 new species.

28. —— Descriptions of fungi collected by R. B. Hinds, Esq., principally in the islands of the Pacific. *London Jour. Bot.* I. 447–457 (1–11). Pl. 14, 15. 1842.

Enumerates 7 species from the Columbia River, Sitka, and California, and describes *Polyporus Columbiensis*.

29. —— Notices of fungi in the herbarium of the British Museum. *Ann. Mag. Nat. Hist.* X. 369–385. Pl. 9–12. Jan. 1843.

Contains a description of *Polyporus Floridanus* from Florida, and also species from Jamaica.

30. —— On *Agaricus crinitus*, L., and some allied species. *Trans. Linn. Soc.* XX. 109–112. Pl. 9. 18 Feb. 1845.

Contains a description and figure of *Lentinus tener*.

31. —— Decades of Fungi. *London Jour. Bot.* and *Hooker's Jour. Bot.*

The following parts relate to North American species: Nos. 74–100 in *London Jour. Bot.* IV. 299–313 (35–49), pl. 11, 12, fig. 1–5, 1845, collected, with few exceptions, by T. G. Lea in Ohio; pl. 11 represents *Cyclomyces Greenei* from Massachusetts; — nos. 111–140, l. c. VI. 312–326 (1–15), 1847, all from Ohio, collected by Lea, are mostly *Hymenomycetes* with a new genus *Psilopezia*; — nos. 201–240, *Hooker's Jour. Bot.* I. 97–104 (1–8), 234–239 (105–110), 1849, have the title "North and South Carolina Fungi; by the Rev. M. J. Berkeley and Rev. M. A. Curtis"; — no. 485, l. c. VI. 227 (2), 1854, describes *Dothidea vorax* from South Carolina. The species given in the Decades are most of them to be found also in Lea's Catalogue and Berkeley's Notices of North American Fungi, q. v., and a few of the figures are in Berkeley's Introduction to Cryptogamic Botany. See also CURTIS, M. A.

32. —— On the white rust of cabbages. *Jour. Royal Hort. Soc.* III. 265–271. Aug. 1848.

Gives a figure of conidia of *Uredo* (*Cystopus*) *Amaranthi*, Schweinitz.

33. —— Indian Bread or Tuckahoe. *Gardeners' Chronicle*, p. 829. 16 Dec. 1848.

Includes a note of Prof. Ellet on the chemical properties of tuckahoe.

34. —— Enumeration of some fungi from St. Domingo. *Ann. Mag. Nat. Hist.* 2 ser. IX. 192–203. Pl. 8. March, 1852.

Fungi collected by A. Sallé, including 67 species, of which 20 are new, and 1 new genus. Species may be expected to occur in Florida.

Berkeley, Miles Joseph.

35. On two new genera of fungi. *Trans. Linn. Soc.* XXI. 149–154. Pl. 19, fig. 4. June, 1852.

Has description of *Corynites Ravenelii*, with figure.

36. —— *Ravenelia*. *Gard. Chron.* 26 Feb. 1853. p. 132.

In an editorial without title there is a note and figure of *R. glandulaeformis*.

37. —— On some entomogenous *Sphaeriae*. *Jour. Linn. Soc.* I. 157–159. Pl. 1. 4 Nov. 1856.

Includes descriptions and figures of 5 new species of *Cordyceps* from the United States, collected by H. W. Ravenel.

38. —— Introduction to Cryptogamic Botany. 8°. pp. 604, with 127 illustrations. London. 1857.

Incidental references to American species of fungi, with figures of some of them. In a few instances the figures are the earliest published records of the species.

39. —— On some new fungi. *Trans. Linn. Soc.* XXII. 129–131. Pl. 25. 5 May, 1857.

Description and figure of *Mitremyces Ravenelii*.

40. —— An account of the plants collected by Dr. Walker in Greenland and Arctic America during the expedition of Sir Francis McClintock, R.N., in the yacht Fox. By J. D. Hooker, M.D. *Jour. Linn. Soc.* V. 79–89. 1861. Read 21 June, 1860.

On p. 86, a list of 8 species, all but one *Agaricini*, repeated in *Manual Arctic Expedition*, part 2, p. 526.

41. —— On some new fungi from Mexico. *Jour. Linn. Soc.* IX. 423–425. Pl. 12. 1867. Read 15 Nov. 1866.

Describes 6 new species sent by Curtis, collected by Botteri near Orizaba, and a new genus *Wynnea*, of which a figure is given. The species are attributed to Berkeley and Curtis.

42. —— Notices of North American Fungi. *Grevillea*, I. 33–39, Sept. 1872, nos. 101–125; 49–55, Oct. 1872, nos. 126–149; 65–71, Nov. 1872, nos. 150–175; 97–102, Jan. 1873, nos. 176–200; 145–150, April, 1873, nos. 201–225; 161–166, May, 1873, nos. 226–250; 177–180, June, 1873, nos. 251–275; — II. 3–7, July, 1873, nos. 276–300; 17–20, Aug. 1873, nos. 301–319; 33–35, Sept. 1873, nos. 320–327; 49–53, Oct. 1873, nos. 328–350; 65–69, Nov. 1873, nos. 351–375; 81–84, Dec. 1873, nos. 376–401; 97–101, Jan. 1874, nos. 451–475; 153–157, April, 1874, nos. 476–500; 177–181, June, 1874, nos. 402–414; — III. 1–17, Sept. 1874, nos. 415–450 and 501–525; 49–64, Dec. 1874, nos. 526–600; 97–112, March, 1875, nos. 601–681; 145–160, June, 1875, nos. 682–750; — IV. 1–16, Sept. 1875, nos. 751–813; 45–52, Dec. 1875, nos. 814–844; 93–108, March, 1876, nos. 845–902; 141–162, June, 1876, nos. 903–1005.

This series is a continuation of the "Centuries of North American Fungi," by Berkeley and Curtis (see below), in which 100 species are described. The present series begins with 101, and the numbers represent new species described by Berkeley and Curtis, a small number of which had been previously published in Berkeley's "Decades of Fungi" and "Contributions to North American Mycology," by Berkeley and Curtis. Besides the numbered species, a large number of others are enumerated without numbers. See CURTIS, M. A., and TUCKERMAN, E.

43. —— Enumeration of the fungi collected during the Arctic expedition, 1875–76. *Jour. Linn. Soc.* XVII. 13–17. 1880. Read 7 March, 1878.

Enumeration of 24 species, 7 described as new.

44. —— *Hypsilophora destructor*. *Gard. Chron.* XI. new ser. 299. Fig. 41. 8 March, 1879.

Description and figure of *Hypsilophora* (*Dacrymyces*) *destructor* on pear stems, and reference to 2 other species.

45. —— Truffles in California. *Gard. Chron.* XXI. new ser. 833. 28 June, 1884.

Short note on the occurrence of truffles in California.

—— *and* **Broome**, C. E.

46. Enumeration of the fungi of Ceylon. Part 2. *Jour. Linn. Soc.* XIV. 29–140. Pl. 2–10. 8 April, 1873 (1875).

Includes descriptions of *Artocreas Michaneri*, p. 73, and *Patellaria applanata*, p. 108, from the United States, and notes on several species described in Cuban Fungi.

—— *and* **Curtis**, M. A.

47. Contributions to the Mycology of North America. *Am. Jour. Sci. Arts*, 2 ser. VIII. 401–403, Nov. 1849; IX. 171–175, March, 1850; X. 185–188, Sept. 1850.

Continued from *Am. Jour. Sci. Arts*, VI. 353. See CURTIS, M. A. Enumeration of 100 species, numbered 31–130, of which 26 are new, and one new genus *Arrhytidia*. Most of the species are repeated in Notices of North American Fungi, for which see above, no. 42.

48. —— —— Descriptions of new species of fungi collected by the U. S. Exploring Expedition under C. Wilkes, U.S.N., Commander. *Am. Jour. Sci. Arts*, XI. 2 ser. 93–95. Jan. 1851.

Describes 9 species, all from the Pacific Islands. American species of this expedition were published elsewhere. See CURTIS and BERKELEY.

49. —— —— Exotic fungi from the Schweinitzian herbarium, principally from Surinam. *Jour. Acad. Nat. Sci.* Philadelphia. II. new ser. 277–294. Pl. 25. April, 1853.

Includes 7 species from the United States.

50. —— —— Centuries of North American fungi. *Ann. Mag. Nat. Hist.* 2 ser. XII. 417–435 (1–19), Dec. 1853; 3 ser. IV. 284–296 (1–13), Oct. 1859.

Descriptions of 100 new species of *Hymenomycetes* and *Polyporei*, with notices of a few others. About half of them are repeated in Notices of North American Fungi. No. 42.

51. —— —— A commentary on the Synopsis Fungorum in Americâ Boreali mediâ degentium, by L. D. de Schweinitz. *Jour. Acad. Nat. Sci.* Philadelphia. New ser. III. 205–224. 1856.

Critical notes on 326 species, principally *Hymenomycetes*, from the Schweinitz herbarium, including descriptions of 2 new species, *Polyporus crociporus*, B. and C., and *P. cervinonitens*, Schw.

52. —— —— Characters of new fungi, collected in the North Pacific Exploring Expedition by Charles Wright. *Am. Acad. Arts and Sci.* Boston. IV. 111–130. 14 Dec. 1858.

Includes 8 new species from California and N. W. coast.

53. —— —— Fungi Cubenses. *Jour. Linn. Soc.* X. 280–341, 341–392. 1869.

Part 1, including *Hymenomycetes*, was read 2 May, 1867. Part 2, including *Gasteromycetes*, *Physomycetes*, *Coniomycetes*, *Hyphomycetes*, and *Ascomycetes*, was read 16 Jan. 1868. This work gives frequent references to localities in the United States where Cuban species occur.

—— *and* **Desmazières**, J. B. H. J.

54. On some moulds referred by authors to *Fumago* and on certain allied or analogous forms. *Jour. Royal Hort. Soc.* IV. 243–260 (3–19). Fig. 11. 1849.

Describes 5 *Capnodia* and *Glenospora Curtisii*, and figures also *Scoriae spongiosa*.

—— *and* **Montagne**, C.

55. Sixième centurie de plantes cellulaires nouvelles, tant indigènes qu'exotiques. Décade 7. *Ann. Sci. Nat. Bot.* 3 ser. XI. 235–246. 1849.

Includes descriptions of *Trametes rigida* and *Exidia protracta* from the United States.

Berlese, Augusto Napoleone, *and* **Voglino**, P. Padua, 21 Oct. 1864. See SACCARDO, P. A.

56. Sopra un nuovo genere di funghi Sferopsidei. *Atti. Soc. Venet. Trent.* X. 176–205 (2–32). Pl. 2, 3. Padua. 1887.

Account of a new genus, *Macrophoma*, with descriptions of 32 species from the United States; figures of 3 species, formerly included in *Phoma* and *Sphaeropsis*. The reprint is dated 1886, but the volume of the Atti, 1887.

Bertoloni, Antonio. **Sarzana**, 11 Feb. 1775. †Bologna, 17 April, 1869.

57. *Miscellanea Botanica*, XVII. 22. Pl. 2. Fig. 2. Bologna. 1857.

Gives a description and figure of *Thelephora lobata* from Alabama.

Bessey, Charles Edwin. See AMERICAN NATURALIST. Milton, Wayne Co., O., 21 May, 1845.

58. On injurious fungi. The Blights, *Erysiphei*. *7th Biennial Rept. Iowa Agr. College*. 8°. pp. 185–204 (1–20). Pl. 1, 2. Dec. 1877.

A description of the species known in the United States, with synopsis and figures of 10 species.

59. —— *Simblum rubescens*, Gerard, in Iowa. *Torr. Bull.* VIII. 126, Nov. 1881. *Am. Nat.* XVI. 42, Jan. 1882.

Species found in Iowa.

60. —— A sketch of the progress of botany in the United States in 1880. *Am. Nat.* XV. 947–955. Dec. 1881.

Includes an enumeration of United States fungi described in 1880.

61. —— The diseases of plants. *Trans. Iowa State Hort. Soc.* XVI. 85–98. 1882.

Gives, pp. 93–98, an account of several diseases caused by fungi.

62. —— Some observations on the action of frost upon leaf-cells. *Proc. Am. Ass. Adv. Sci.* XXXI. 464, 465. Aug. 1882.

Finds that leaf-cells attacked by the mycelium of *Aecidium Fraxini* have less power of resisting cold than other cells.

63. —— A new species of insect-destroying fungus. *Am. Nat.* XVII. 1280–1281, 1286. Dec. 1883.

Description of *Entomophthora Caloptent.*

64. —— An enormous puff-ball. *Am. Nat.* XVIII. 530. May, 1884.

Reports the finding by Prof. R. E. Call in New York State of an immense specimen of *Lycoperdon giganteum*.

65. —— Bulletin of the Iowa Agricultural College, issued by the Dept. of Botany, Nov. 1884. 8°. pp. 109–174. Cedar Rapids, Iowa.

Contains the following papers on fungi by C. E. Bessey: The Wheat Smut, pp. 118–126, fig. 3, 4; Smut of Indian Corn, pp. 127–129, fig. 5, 6; Ergot, pp. 130–132, fig. 7; Preliminary lists of Cryptogams, pp. 133–150, including between 200–300 fungi on pp. 134, 135–148. For other papers in this bulletin, see ARTHUR, J. C. Sent to press Nov. 1884, but not issued until about Jan. 1885, as we are informed by the author.

66. —— The abundance of ash rust. *Am. Nat.* XIX. 886–887. Sept. 1885.

Notes the abundance of *Aecidium Fraxini* in Nebraska.

67. —— Injurious fungi in their relation to the diseases of plants. *Am. Pomolog. Soc. Session* 1885. pp. 35–43.

A general account of the properties of injurious fungi and the diseases caused by them, followed by a list of 41 species which occur in the United States.

68. —— The rust of the ash tree. *Am. Nat.* XX. 806. Sept. 1886.

Reports a marked absence of *Aecidium Fraxini* in Nebraska and Iowa in 1886.

Billings, John Shaw. Switzerland Co., Indiana, 12 April, 1838.

68ª. The study of minute fungi. *Am. Nat.* V. 323–329. Fig. 75. Aug. 1871.

A popular account of *Valsa stellulata*, Fr., with figure, and directions for studying fungi.

68ᵇ. —— The genus *Hysterium* and some of its allies. *Am. Nat.* V. 626–631. Pl. 11. Oct. 1871.

General account of the structure of the genus, followed by notes on the spores of 54 species, with figures of the spores of 21 species. The specimens examined were principally from the herbaria of Schweinitz, Ravenel, and Curtis.

—— *and* **Curtis**, E.

69. Report of results of examinations of fluids of diseased cattle, with reference to cryptogamic growths. *Rept. Commissioner Agr. on Diseases of Cattle in U. S.* 4°. pp. 174–190, with plate. Washington. 1871.

Account of cultures made with fluids of animals infected with contagious pleuro-pneumonia and Texas fever, with plate of forms found, some of them bacteria.

—— *and* **Frost**, C. C.

70. United States geological exploration of the fortieth parallel, Clarence King, geologist in charge. Botany by Sereno Watson aided by Prof. Daniel C. Eaton and others. 4°. pp. liii., 525. Pl. 1–40. Washington. 1871.

On pp. 413, 414 is a list of 14 fungi, including 3 new *Puccinlae*. The *Aecidia* and *Puccinlae* were determined by J. S. BILLINGS; the other fungi by C. C. FROST.

Bonorden, Hermann Friedrich. Herford, 28 Aug. 1801.

71. Zur kenntniss einiger der wichtigsten gattungen der *Coniomyceten* and *Cryptomyceten*. 4°. pp. 63. Pl. 1–3. Halle. 1860. Extr. *Abhandl. Nat. Ges. Halle*, V. 167–229. 1860.

Mentions 7 species of *Uredineae* from North America.

72. —— Die zweite deutsche Nordpolarfahrt in den jahren 1869 und 1870 unter führung des Kapitän Karl Koldewey, herausgegeben von dem Verein für die deutsche Nordpolarfahrt in Bremen. 8°. Leipzig. 1874.

The fungi are given in vol. II. 88–96. The fleshy fungi by Bonorden, pp. 88–90, include 4 species and some undetermined forms. The endophytic fungi by L. Fuckel include 13 species, all but one new, pp. 90–96, with pl. 1. Names of species given in *Arctic Manual*, part 2, p. 585.

Bosc, Louis (Augustin Guillaume). Paris, 20 Jan. 1759. †Paris, 10 July, 1828.

73. Mémoire sur quelques espèces de champignons des parties méridionales de l'Amérique Septentrionale *Gesell. Natur. Freunde, Mag.* 4°. V. 83–89 (1–7). Pl. 4–6. Berlin. 1811.

Separate copies of this paper are very rare. Fifteen species are described, all but one with figures: *Boletus alveolarius*; *B. hydnatinus*; *Agaricus pinarius*: *Ag.* (*Panus*) *dorsalis*; *Ag.* (*Lentinus*) *chama*; *Clathrus columnatus* (copied in Corda, Anleitung, and Nees, System); *Morchella carolíniana* (*Gyromitra*); *Phallus duplicatus* (copied in Corda and Nees); *Satyrus rubicundus* (copied in Corda?); *Lycoperdon* (*Caulogiossum*) *transversarium* (in Nees); *L. heterogeneum* (*Mitremyces lutescens*); *L. cyathiforme*, *Uperhisa* (*Hyperrhisa carolinensis*); *Tubercularia carnea* (*Peridermium*); *Tremella* (*Leotia*) *stipitata* (copied in Nees).

74. **Botanical Bulletin.** Edited by J. M. Coulter. 8°. Crawfordsville, Ind. Vol. I. Nov. 1875—Nov. 1876.

Published monthly in parts of 4 pages. In Nov. 1876 the name was changed to the following.

75. **Botanical Gazette.** Continuation of *Bot. Bulletin*. See above. Vol. II.–XI. Nov. 1876—Dec. 1886. To be continued.

Vol. II. ended Oct. 1877, and vol. III. began Jan. 1878. II. and III. have 8 pages in each number; IV.–VII. 12;

VIII.–X., 16; XI., 24 pages; some numbers more. From I.–X. there is an index with every second volume, and a general index to vols. I.–X. appeared in 1886. Later volumes are illustrated. The editors of vols. II.–VI. were J. M. and M. S. Coulter. Since then, J. M. Coulter, C. R. Barnes, and J. C. Arthur. Articles on fungi from this journal appear here under authors' names.

Brendel, Frederick. Erlangen, Germany, 20 Jan. 1820.

76. Flora Peoriana. Die vegetation im clima von Mittel-Illinois. Természetrajzi Füzetek. V. Parte 2–4. pp. 299–405. 1882. A Musæo Nationali Hungarico edito. Budapest. 1882.

Separate edition with pp. 107, large 8°. On p. 94 (392) is an enumeration of 39 species of fungi without notes.

Britton, Elizabeth G. See Bulletin Torrey Club.

Britton, Nathaniel Lord. New Dorp, Staten Island, N. Y., 15 Jan. 1859.

77. Geological survey of New Jersey. A preliminary catalogue of the flora of New Jersey. 8°. pp. 233. New Brunswick, N. J. 1881.

This work was distributed among botanists, bound and interleaved, with the request that the copies be returned with corrections and comments to be embodied in the final publication. A list of about 950 fungi, determined by J. B. Ellis, is given on pp. 167–203.

Brongniart, Adolphe Théodore. Paris, 14 Jan. 1801. †Paris, 18 Feb. 1876.

78. Essai d'une classification naturelle des champignons ou tableau méthodique des genres rapportés jusqu'à présent à cette famille. 8°. pp. 99. Pl. 1–8. Paris. 1825.

This is a reprint of the article Mycologie in *Dictionnaire des Science Naturelles*, XXXIII. 492–588. 1824. The plates are taken from Turpin, Végetaux acotylédons. On p. 70 (559) is a reference to *Calostoma cinnabarinum*, Desv. = *Mitremyces cinnabarinus*, Schw.

Broome, Christopher Edmund. Berkhampstead, Hertford, 24 July, 1812. †Bath, England, 15 Nov. 1886. See Berkeley, M. J.

Brown, A. E.

79. Diseased *Vaccinium*. *Torr. Bull.* VI. 164. July, 1877.

Note on deformity of fruit due to *Exobasidium Vaccinii*.

Brown, Robert. See Smith, W. G.

80. **Bulletin** of the Torrey Botanical Club, Vol. I.–XIII. Jan. 1870—Dec. 1886. To be continued. Monthly. 8°. New York. Illustr.

There is an index of I.–V. at the end of V. Vol. VI. extends from Jan. 1875 to Dec. 1879, with index. Since then the volumes are annual and have an index. Editors, 1870–1881, W. H. Leggett; 1882, W. H. Leggett and W. R. Gerard; 1883–1885, W. R. Gerard; 1886, E. G. Britton and F. J. H. Merrill. Devoted to all branches of botany. The articles on fungi here given under authors' names.

Bundy, W. F.

81. A partial list of the fungi of Wisconsin, with descriptions of new species. *Geology of Wisconsin, Survey of* 1873–79. 4°. I. 396–401. 1883.

Enumerates more than 300 species of 76 genera with notes on localities. Two new species described. The types of this paper have been lost, and there are no means of verifying species named.

Burnett, Swan Moses. New Market, Tenn., 16 March, 1847.

82. *Otomyces purpureus* (Wreden) in the human ear. *Archives of Otology*, X. 319–326. Dec. 1881. Also trans. in *Zeitschr. für Ohrenheilkunde*, XI. 89–95. 1882.

Account of the fungus, including a note by W. G. Farlow.

Burrill, Thomas Jonathan. Pittsfield, Mass., 25 April, 1839.

83. Aggressive parasitism of fungi. *Trans. Illinois State Hort. Soc.* 1873, VII. 217–221. Chicago. 1874.

84. —— Lettuce mould and leaf-blights. *Trans. Illinois State Hort. Soc.* 1875, IX. 139–144. Fig. 5. Chicago. 1876.

An account of injury done by *Peronospora gangliformis* in Illinois, and of lilac blight, pea blight, *Verbena* mould, and rose mildew, with figures of the fungi which cause them.

85. —— Upon parasitic fungi. *Bull. Illinois State Lab. Nat. Hist.* I. part 1, 52–59. Pl. 1–4. Bloomington. Dec. 1876.

General account of fungus diseases, with specific account of those caused by *Peronosporeæ* and *Perisporiaceæ*, with figures of several species.

86. —— Injurious fungi. *Trans. Illinois State Hort. Soc.* X. 213–220. 1876.

An account of the harm done by several species, *Peronospora viticola*, *Phragmidium*, bunt in wheat, disease of Austrian pine, etc.

87. —— Cherry leaf-blight. *Trans. Illinois State Hort. Soc.* XI. 134–136. 1877.

A popular account of *Podosphæra Kunzei* and the ravages caused by it.

88. —— First annual report upon useful and noxious plants. *Trans. Dept. Agr. Illinois*, XVII. 560–568. Springfield, Ill. 1880. Reprint, 8°, pp. 9. Springfield. 1880.

Contains a chapter on "Fungi in living plants," giving general account of growth and classification of fungi, with the effects they produce on other plants.

89. —— The Bacteria. 8°. pp. 65. Fig. 2. Pl. 1. Springfield, Ill. 1882.

Taken from 11*th Rept. Illinois Industrial Univ.* pp. 93–157. Besides Bacteria, this paper contains *Saccharomycetes*, pp. 62–65.

90. —— Notes on parasitic fungi. *Agr. Review*, 86–92. New York. Nov. 1882.

Gives an account of apple-scab, *Fusicladium dendriticum*, orange rust of blackberry, *Cæoma luminatum*, and blackberry cane rust.

91. —— An orchard scourge. *Trans. Miss. Valley Hort. Soc.* I. 202–207. Indianapolis. 1883.

Account of ravages due to *Fusicladium dendriticum*.

92. —— The grape rots. *Trans. Illinois State Hort. Soc.* XVII. 42–45. 1883.

Notes the occurrence of the true *Sphaceloma ampelinum* in Illinois, with account of some other fungi. See no. 96.

93. —— Broom-corn rust. *Prairie Farmer*, LVI. 532. Chicago. Aug. 1884.

Notice, with 2 figures, of an unnamed *Chætostroma* on *Sorghum*.

94. —— Parasitic fungi of Illinois. Part 1. *Uredineæ*. *Bull. Illinois State Laboratory*, II. 141–255. Peoria. 1885.

A full account of the *Uredineæ* of Illinois, with synopsis of genera, descriptions and synonymy of species, with critical notes and index of species and hosts. Also given in 12th *Rept. Illinois Industrial Univ.* pp. 93–152, without host-index, and some notes.

95. —— The *Uredineæ* of Illinois. A list of the species. *Proc. Am. Soc. Micros.* VIII. 93–102 (1–10). 1885.

A list of species, with introduction taken substantially from Parasitic fungi of Illinois. See title above.

96. —— Grape Rots. *Am. Pomolog. Soc., Session* 1885. pp. 47–49.

Notes the occurrence of the true *Sphaceloma ampelinum* in Illinois, with an account of its action compared with *Phoma uvicola*. See no. 92.

97. —— Orange rust of blackberry leaves. *Prairie Farmer*, LVII. 762. Chicago. 4 Nov. 1885.

Account, with figure, of the spermogonia of *Cæoma nitens*. Substance of article and figure given in paper by Seymour, A. B., q. v.

Burrill, Thomas Jonathan.

98. Vegetable pathology. *Trans. Illinois State Hort. Soc.* XIX. 218–226. 1885.

General remarks on disease in plants.

—— *and* **Seymour,** A. B.

99. New species of *Uredineae*. *Bot. Gaz.* IX. 187–191. Dec. 1884.

Describes 13 species from Illinois. On p. 191, 4 other species described by SEYMOUR, A. B.

Bushberg Catalogue. See ENGELMANN, George.

Calkins, William Wirt. Farm Ridge, La Salle Co., Ill., 29 May, 1842.

100. Notes on Florida fungi. *Jour. Myc.* II. 6, 7, Jan. 1886; 23, Feb. 1886; 42, April, 1886; 53, 54, May, 1886; 70, June, 1886; 80, 81, July, 1886; 89–91, Aug. 1886; 104–106, Sept. 1886; 126–128, Nov. 1886.

Part 3 of this series is called "The leaf fungi of Florida"; part 4, "Cryptogamic Botany of a Florida log"; parts 7–9 give a list of species determined by J. B. Ellis.

101. —— *Polyporus officinalis*, Fr. *Jour. Myc.* II. 107. Sept. 1886.

Notes the occurrence of this species in Michigan.

Cist, Jacob.

102. Notice of the *Melolontha* or May-bug. *Am. Jour. Sci. Arts*, VIII. 269–271. Pl. 4. Aug. 1824.

Gives a note and figure of an unnamed species of *Cordyceps* on *Melolontha*.

Clayton, John. Fulham, England, 1685. †15 Dec. 1773. See GRONOVIUS, J. F.

Cooke, Mordecai Cubitt. Horning, Norfolk, England, 12 July, 1825. See EDWARDS, A. M. See ELLIS, J. B. See GREVILLEA. See RAVENEL and REHM, exsiccati in supplement. See STEVENSON, W. C.

103. Decades of Maine Fungi. *Proc. Soc. Nat. Hist.*, Portland, I. 179–185. Fig. 9. 1862.

Descriptions of 21 species of *Uredineae*, 2 of them new.

104. —— Handbook of British Fungi, with full descriptions of all the species, and illustrations of the genera. 8°. 2 vol. pp. 981. Pl. 7, col. and fig. 408. London. 1871.

After each species it is stated whether it occurs also in the United States. There appeared in Grevillea, beginning in 1883, a revised second edition of this work. Up to date, 176 pages, descriptions of *Agarici*, have been published in the different numbers of that journal, and also issued separately.

105. —— Notes on *Podisoma*. *Jour. Quekett Micros. Club*, II. 255–268 (1–14). Pl. 18, 19. Read 24 Nov. 1871.

Has figures of *Gym. clavipes* and *Gym. macropus* from the United States; also notes on some of our species.

106. —— Carpology of Peziza. *Grev.* III. 30–31, pl. 27–30, Sept. 1874; 73, 74, pl. 31–34, Dec. 1874; 127, 128, pl. 38–41, March, 1875; 186, pl. 43, 44, June, 1875; — IV. 41, pl. 50, 51, Sept. 1875; 132, pl. 65, March, 1876; 168, pl. 69, June, 1876.

Figures of asci, spores, and, in some cases, paraphyses of *Pezizae*, including American species.

107. —— Revision of *Geoglossum*. *Grev.* III. 133, 134. March, 1875.

Revision of the species of Cooke's Handbook; refers to two American species.

108. —— Synopsis of the *Discomycetous* fungi of the United States. Part 1. *Bull. Soc. Nat. Sci.* Buffalo, II. 285–300, March, 1875. — Part 2. l. c. III. 21–32; 33–37, Sept. and Nov. 1875.

Part 1 gives a list of 357 species, with localities and characters of the new or little-known forms. Part 2 has remarks on some of the species in part 1, with a list of 212 additional species and descriptions of new species.

109. —— On *Corticium amorphum*, Fr. *Grev.* III. 136–138. March, 1875.

Synonymy of this species with reference to *Aleurodiscus amorphus*, Rabh., including *Nodularia balsamicola*, Peck. See next title.

110. —— On *Corticium Oakesii*, B. and C. *Grev.* III. 172. June, 1875.

Continuation of paper on *C. amorphum*. See above.

111. —— *Phragmidium*. *Grev.* III. 171. Pl. 45. June, 1875.

Figures *P. speciosum* from the United States.

112. —— British Fungi. *Grevillea.*

The following references to North American fungi: GREV. III. 179, 180, June, 1875, note on *Puccinia Violarum*, *P. Asteris*, *P. Gerardi*, description and figure of *P. hastata*, pl. 49, fig. 10 b; p. 182, l. c. description of genus *Virgasporium* and note on *V. clavatum*; p. 185, l. c. note on *Pezisa Agassizii*; IV. 69, Dec. 1875, note on species of *Virgasporium* and *Clasterisporium*.

113. —— *Pezizae* Americanae. *Hedwigia*, XIV. 81–85. June, 1875.

Describes 21 new species from Maine, New York, New Jersey, and 1 from Mexico. Some previously described in *Torr. Bull.* VI. 31, 32.

114. —— *Podisoma* on *Juniperus phoenicia*. *Grev.* III. 189, 190. June, 1875.

Includes a note on the germination of *Gymnosporangium clavipes*.

115. —— New Scotch *Peziza*. *Grev.* IV. 91, 92. Dec. 1875.

A foot-note gives a description of *Pezisa scubalonta*, Gerard, from New York.

116. —— On *Peziza brunnea*. *Grev.* IV. 125, 126. March, 1876.

Note on *P. confusa*, Cooke, of the United States.

117. —— *Triblidium*. *Grev.* IV. 182. Pl. 67. June, 1876.

Includes figures of 5 *Triblidia* and *Ostreichnion Americanum* from the United States.

118. —— Observations on *Peziza calycina*. *Grev.* IV. 169–172. Pl. 66. June, 1876.

A criticism of Rehm's Note on *Pezisa calycina*. See REHM.

119. —— The *Hyphomycetous* Fungi of the United States. *Bull. Soc. Nat. Sci.* Buffalo, III. 189–192, Feb. 1877; 193–202, July, 1877.

Enumeration of 304 species, with synonymy in some cases.

120. —— Caution to mushroom eaters. *Field and Forest*, II. 146. Feb. 1877.

Calls attention to the resemblance between *Agaricus campestris* and *A. fastibilis*.

121. —— On black moulds. *Jour. Quekett Micros. Club*, IV. 246–277. (1–28.) Pl. 24–27. Read 23 Feb. 1877.

Has colored figures of 8 species of *Hyphomycetes* of the United States.

122. —— On *Valsa vitis*, Schw. *Grev.* V. 125. March, 1877.

Separates the European form of this name under the name of *V. vitigera*.

123. —— The *Valsei* of the United States. *Proc. Acad. Nat. Sci.* Philadelphia. pp. 110–127. Apr. May, 1877.

Describes 93 species of *Valsa* and 5 of *Melanconis*, with enumeration of 40 doubtful species, principally from the Schweinitz herbarium. See STEVENSON, W. C.

124. —— The *Myxomycetes* of the United States. *Ann. Lyceum Nat. Hist.* New York, XI. 378–409. June, 1877. Read 16 April, 1877.

An arrangement of species taken from Rostafinski, with synonymy and, in some cases, spore measurements; 154 species enumerated, 3 described as new.

Cooke, Mordecai Cubitt.

125. Spore formation in *Urocystis*. *Grev.* V. 158. June, 1877.

Summary of papers by Fischer von Waldheim and Farlow, q. v.

126. —— North American Fungi. *Grev.* V. 150–154. June, 1877.

Notices of 54 species from Maine, New York, and South Carolina, 13 described as new. See nos. 129 and 152.

127. —— Some allied species of *Aecidiaceæ*. *Bull. Soc. Bot. France*, XXIV. 314, 315. Transl. Quelques espèces voisines d'Aecidiacées, l. c. 316, 317. 22 Oct. 1877.

Includes notes on *Peridermium cerebrum*, Peck, and *Roestelia hyalina*, Cooke.

128. —— Praecursor ad monographiam *Hendersoniae*. *Nuov. Giorn. Bot. Ital.* X. 17–27. Jan. 1878.

Mentions 32 species of the United States, and gives details of the spores in some species.

129. —— North American Fungi. *Hedwigia*, XVII. 37–40. March, 1878.

Description of 21 new species in Ravenel's Fungi Americani Exsiccati. See no. 126, 135, and 152.

130. —— On fungoid diseases of the Vine. *Jour. Roy. Hort. Soc.* V. new ser. 68–76, 90–94, 115–123, March, July, Dec. 1878.

In a notice of Farlow's American Grape Vine Mildew there are given critical notes on *Oidium Tuckeri*, *Uncinula spiralis*, *U. Americana*, *U. subfusca*, and *Sphaerotheca Morsuae*. Also descriptions of *Septoria viticola*, B. and C., *S. ampelina*, B. and C., *S. falx*, B. and C. Last part has notes on *Capnodium elongatum*, with review of Cornu's papers on Anthracnose, *Cladosporium viticolum*, etc., with notes on *Phoma uvaecola*, B. and C., *Graphium clavisporum* and *Cladosporia*. See no. 133.

131. —— The fungi of Texas. *Jour. Linn. Soc.* XVII. 141–144. 1880. Read 4 April, 1878.

Descriptions of 25 new species collected by H. W. Ravenel. See next title.

132. —— The fungi of Texas. *Ann. Acad. Sci.*, New York, I. 177–187. May, 1878.

A list of 149 species collected by H. W. Ravenel, including descriptions of 25, same as in last paper.

133. —— Vine diseases. *Grev.* VI. 147–150. June, 1878.

A review of Pirotta's Funghi parassiti dei Vitigni and Thuemen's Pilze des Weinstockes, q. v., with notices of American viticolous fungi. See no. 130.

134. —— Enumeration of *Polyporus*. *Trans. Bot. Soc.* Edinburgh, XIII. 131–159. 1878. Read 2 July, 1878.

Alphabetical list of known species of *Polyporus*, with their distribution. See no. 163.

135. —— Ravenel's American fungi. *Grev.* VI. 129–146, June, 1878; VII. 32–85, Sept. 1878; 43–54, Dec. 1878.

Enumeration of species in Ravenel's Fungi Americani Exsiccati, see supplement, with descriptions of 143 new species and figures of some of the species on pl. 101. This plate is in vol. VI., the description of plate in VII. 96. Two new genera, *Phillipsiella* and *Saccardia*, figured on pl. 119. Some of the species named are described in *Hedwigia*, XVII. 37–40, March, 1878.

136. —— On *Chaetophoma*. *Grev.* VII. 24–26. Pl. 118, 119. Sept. 1878.

Describes and figures 6 species from Carolina. Descriptions repeated without figures in Hedwigia, XVII. 134.

137. —— Some Extra-European Fungi. *Grev.* VII. 13–15. Sept. 1878.

Includes an enumeration of 34 species collected by W. R. Gerard in New York, 5 described as new.

138. —— Californian Fungi. *Grev.* VII. 1–4, Sept. 1878; 101, 102, March, 1879.

Enumeration of 57 species collected by H. W. Harkness. Describes 16 new, and one species from New York. See also Cooke and Harkness.

139. —— Mycographia seu Icones Fungorum. Figures of fungi from all parts of the world, drawn and illustrated by M. C. Cooke. 4°. Vol. I. Pl. 113. Fig. 406. *Discomycetes*. London. 1879.

Of this work only one volume has been issued. It includes 6 parts, which appeared as follows: Oct. 1875, April, 1876, Oct. 1876, April, 1877, Jan. 1878, Feb. 1879. There is a systematic and an alphabetic index. It includes a large number of colored plates of American *Discomycetes*, with descriptive text. Descriptions of the new and little-known species given also in *Hedwigia*, XVI. 142–144; 147–154; XVII. 53–55.

140. —— Some exotic fungi. *Grev.* VII.–XIV.

The following are North American references: VII. 95, March, 1879, description of *Diplodia gossypina*; — XII. 37, 38, Sept. 1883, 4 species from New Hampshire, Ohio, South Carolina, and Texas; — XII. 85, March, 1884, *Polyporus pocula*; — XIII. 6, Sept. 1884, *Puccinia Ipomeae*; — XIV. 13, 14, Sept. 1885, 4 species from Oregon, Georgia, and South Carolina; 90, March, 1886, *Leptothyrium Liriodendri* and *Phoma cerasina* from South Carolina.

141. —— On *Peniophora*. *Grev.* VIII. 17–21. Pl. 122–125. Sept. 1879.

New genus formed from species of *Corticium* and *Stereum*. Includes American forms. See no. 149.

142. —— Undescribed fungi in the Kew Herbarium. *Grev.* VIII. 34, 35. Sept. 1879.

Describes 2 species from Oregon and British Columbia.

143. —— Natal Fungi. *Grev.* VIII. 69–72. Dec. 1879.

Describes *Uredo macrosperma*, Cooke, from the United States.

144. —— Agaric with green spores. *Grev.* VIII. 53. Dec. 1879.

Brief notice of *Agaricus Morgani*, Peck.

145. —— Reliquiae Libertianae. *Grev.* VIII. 81–87. March, 1880.

On p. 87 describes *Lasiosphaeria acicola* from the Rocky Mountains.

146. —— New York Fungi. *Grev.* VIII. 117–119. March, 1880.

Notices of 31 species collected by W. R. Gerard, 7 described as new. See also notice in *Rev. Myc.* II. 98.

147. —— The genus *Ravenelia*. *Jour. Roy. Micr. Soc.* III. 384–389 (1–6). Pl. 11. Read 14 April, 1880.

General account of the genus, including *R. glandulaeformis* and *R. sessilis* of the United States.

148. —— Observations on *Peziza*. *Grev.* VIII. 129–143. Pl. 131–133. June, 1880.

Incidental reference to American species.

149. —— On *Hymenochaete* and its allies. *Grev.* VIII. 145–150. June, 1880.

Enumeration of species, including American, with descriptions of setae. Also gives additional species of *Peniophora*. See no. 141.

150. —— The *Perisporiaceae* of Saccardo's Sylloge Fungorum. *Grev.* XI. 35–38. Sept. 1882.

Gives his views with regard to *Erysiphella* and *Pleochaete*, with notes of 12 American species, principally *Asterinae* and *Meliolae*.

151. —— Re-appearance of *Cycloderma*. *Grev.* XI. 95, 96. Pl. 160. Fig. 10. March, 1883.

Describes *Cycloderma Ohiensis*, Cooke and Morgan, with figures, and states that *Milleria herbatica*, Peck, is *Testicularia Cyperi*, Klotzsch. See Klotzsch, J. F.

152. —— North American Fungi. *Grev.* XI. 106–111. March, 1883.

Enumerates 44 species from Maine, Ohio, California, the greater part from South Carolina and Georgia, in Ravenel's Fungi Americani Exsiccati; 27 described as new. See same title above, no. 129.

Cooke, Mordecai Cubitt.

153. On *Xylaria* and its allies. *Grev.* XI. 81–94. March, 1883.

A revision of species of *Xylaria* in Saccardo's Sylloge. Gives details of spores of some North American species, with figures on pl. 162–165 of vol. XI. and 166–171 of vol. XII. See no. 155.

154. —— On *Sphaerella* and its allies. *Britten's Jour. Bot.* XXI. 67–71, March, 1883; 106–110, April, 1883; 136–139, May, 1883.

Includes notes or descriptions of about 50 species of the United States, some from Herb. Schweinitz and Ravenel's Fungi Americani Exsiccati.

155. —— *Hypoxylon* and its allies. *Grev.* XI. 121–140. June, 1883.

Revision of species in Saccardo's Sylloge. Continuation of no. 153. Details of spores of a number of North American species, with description of 6 species. See next title.

156. —— *Nummularia* and its allies. *Grev.* XII. 1–8. Sept. 1883.

Continuation of papers on *Xylaria* and *Hypoxylon*. See above. Notes on several North American species, with descriptions of three Schweinitzian species.

157. —— New American fungi. *Grev.* XII. 22–33. Sept. 1883.

Pyrenomycetes imperfectae and *Hyphomycetes* in Fungi Americani Exsiccati, 94 new species, a new genus, *Sphaerellopsis*, notes on other species, and descriptions of 2 Californian species, *Torula fusoidea* and *Camptoum cuspidatum*.

158. —— The genus *Anthostoma*. *Grev.* XII. 49–53. Dec. 1883.

Revision of this genus in Saccardo's Sylloge, including notes on 16 American species.

159. —— The structure and affinity of *Sphaeria pocula*, Schweinitz. *Jour. Linn. Soc.* XX. 508–511. Pl. 47. 1884. Read 17 Jan. 1884.

Species referred to *Polyporus*.

160. —— Notes on *Hypocreaceae*. *Grev.* XII. 77–83, 100, 101. March and June, 1884.

Review of species in Saccardo's Sylloge, II., including details of 26 American species, with descriptions of several new species.

161. —— Synopsis *Pyrenomycetum*. *Grev.* XII. 102–113, June, 1884; — XIII. 8–16, Sept. 1884; 41–45, Dec. 1884; 61–72, March, 1885; 100–109, June, 1885; — XIV. 14–17, Sept. 1885; 46–56, Dec. 1885· 93–97, March, 1886.

General revision of the order as given in Saccardo's Sylloge, with numerous notes on American species.

162. —— *Sphaeriaceae* imperfectae cognitae. *Grev.* XIII. 37–40. Dec. 1884.

Review of this group in Saccardo's Sylloge, II., with additional details of 47 species from the Schweinitz Herbarium, in part by W. C. Stevenson, and descriptions of 2 species omitted by Saccardo.

163. —— Praecursores ad monographiam *Polypororum*. *Grev.* XIII. 80–87, March, 1885; 114–119, June, 1885; — XIV. 17–21, Sept. 1885; 77–87, March, 1886; 109–115, June, 1886; — XV. 19–27, Sept. 1886; 50–60, Dec. 1886.

Enumeration of all known species of *Polyporus*, with occasional notes on synonymy. XV. 19–27, contains descriptions of 13 American species. See no. 134.

164. —— A new *Stereum* from North Carolina. *Jour. Myc.* I. 130. Oct. 1885.

Descriptions of *S. carolinense*.

165. —— *Valsa vitis*, again. *Grev.* XIV. 44–46. Dec. 1885.

Full synonymy given for *Diatrype* (*Valsaria*) *viticola*, Schw., *Valsa* (*Eutypella*) *vitis*, Schw., and *V. vitigera*, Cooke.

—— *and* **Berkeley**, M. J.

166. Fungi: their nature and uses. Edited by Rev. M. J. Berkeley. 8°. pp. 299. Fig. 109. New York. 1875. The International Scientific Series.

Has incidental references to American species. A general treatise on the structure and properties of fungi, including substance of notes on edible fungi of the United States by M. A. Curtis. See Curtis, M. A., and Porcher, F. P.

—— *and* **Ellis**, J. B.

167. New Jersey Fungi. *Grev.* IV. 178–180, pl. 68, June, 1876; — V. 30–35, pl. 75, Sept. 1876; 49–55, pl. 80, 81, Dec. 1876; 89–95, March, 1877; — VI. 1–18, pl. 95, 96, Sept. 1877; 81–96, pl. 99, 100, March, 1878; — VII. 4–10, Sept. 1878; 37–42, Dec. 1878; — VIII. 11–16, Sept. 1879; — IX. 103, March, 1881.

Enumeration of a large number of species, with notes and descriptions of not far from 300 new species. There appears to be no reference to fig. 2 and 8 of pl. 81.

—— *and* **Harkness**, H. W.

168. Californian Fungi. *Grev.* IX. 6–9, Sept. 1880; 81–87, March, 1881; — XII. 83, 84, March, 1884; 92–97, June, 1884; — XIII. 16–21, Sept. 1884; 111–114, June, 1885; — XIV. 8–10, Sept. 1885.

Enumerates a large number of species, of which the greater part, about 200, are described as new Collected by Harkness, and species mentioned again in *Bull. Cal. Acad. Sci.* See no. 170. See *Rev. Myc.*, April, 1881, p. 44. For remarks on genus *Harknessia*, see Winter, G.

169. —— —— Fungi on *Eucalyptus*. *Grev.* IX. 127–130. June, 1881.

Notices of 42 species, of which 18 are described as new. Names of new species given in *Rev. Myc.*, July, 1881, p. 67.

170. —— —— Fungi of the Pacific Coast. *Bull. Cal. Acad. Sci.* I. 13–10. Feb. 1884.

List of 91 species previously described in *Greville*, IX. 6–9, 81–87, giving hosts and localities. Also 2 species described by Ellis and Harkness in *Torr. Bull.* VIII. 51.

—— *and* **Peck**, C. H.

171. *Pezizae* Americanae. *Grev.* I. 5–7. Pl. 1. July, 1872.

Notices and descriptions of 12 species, 6 of which are new; six colored figures.

172. —— —— The *Erysiphei* of the United States. *Trimen's Jour. Bot.* X. (n. s. I.) 11–14. Jan. 1872.

Enumeration of 26 species and 18 inquirendae, with descriptions of some of the species. Descriptions also given in *Hedwigia*, XI. 74, 75.

173. —— —— Supplementary notes on the *Erysiphei* of the United States. *Trimen's Jour. Bot.* X. (n. s. I.) 170–172. June, 1872.

Notes on 14 species, including *Uncinula Americana*, Howe, and one other new species; 6 species and 1 variety not included in last-named paper.

Corda, August Karl Joseph. Reichenberg, 22 Oct. 1809. †Lost at sea Sept. 1849.

174. Anleitung zum studium der mycologie nebst kritischer beschreibung aller bekannten gattungen, und einer kurzen geschichte der systematik. 8°. CXXII. 223. Pl. 1–8. Prague. 1842.

Some of the illustrations given in this work are taken from Bosc's Mémoire, q. v. Descriptions of American genera are given. There is also an index of authors and works on mycology, including some relating to North America.

*Icones Fungorum hucusque cognitorum. f°. 6 vol. Prague. 1837–1854. Has figures of many species found also in this country, but not specially credited to the United States. A considerable part of the edition of the first five volumes was destroyed in the great fire at Prague, and complete sets of the original edition are now very rare. The remaining copies of vol. VI. were purchased by R. Friedländer & Sohn, of Berlin, who have reproduced the first five volumes by photo-lithography, and most copies now offered for sale have only the sixth volume of the original edition.

* See Corrigendum.

Cornu, Maxime. Orléans, France, 16 July, 1843.

175. Note sur le *Ptychogaster albus*, Corda. *Bull. Soc. Bot. France*, XXIII. 359–363. 10 Nov. 1876.

Has notes on the structure of *Pilacre Peterseii*, B. and C.

176. —— Présence du *Podisoma Juniperi-Sabinae* sur le *Juniperus Virginiana*, et sur divers autres génévriers. *Bull. Soc. Bot. France*, XXV. 122–125. 12 April, 1878.

Account of species of *Podisoma* which occur on *J. Virginiana* in France, with notes on a comparison of some American with European specimens.

177. —— Enumération des *Péronosporées* de France. *Bull. Soc. Bot. France*, XXV. 293–300. 13 Dec. 1878.

Notes the occurrence of *Peronospora basidiophora* in the United States.

178. —— Le charbon de l'oignon ordinaire (*Allium Cepa*), maladie nouvelle, originaire d'Amérique, causée par une *Ustilaginée* (*Urocystis Cepulae*, Farlow). *Comptes Rendus*, LXXXIX. 51–53 (1–3). 7 July, 1879.

Includes notes on this species in the United States.

179. —— Maladies nouvelles pour l'Europe à propos d'une *Ustilaginée* (*Urocystis Cepulae*) parasite sur l'oignon ordinaire. *Bull. Soc. Bot. France*, XXVI. (I. n. s.) 263–267. 11 July, 1879.

Additional remarks on subject of last title. Continued in next title.

180. —— Observations sur la maladie des oignons (*Urocystis Cepulae*). *Bull. Soc. Bot. France*, XXVII. (II. n. s.) 39–42. 13 Feb. 1880.

181. —— Notes sur quelques maladies des plantes. *Bull. Soc. Bot. France*, XXVIII. (III. n. s.) 143–146. May, 1881.

Notes the occurrence of the American *Caeoma luminatum* in France.

182. —— Observations sur le *Phylloxera* et sur les parasitaires de la vigne. Etude sur les *Péronosporées*. 4°. pp. 91. Pl. 1–5. Paris. 1882.

Contains a full bibliography of the subject, with numerous extracts from works on American fungi.

183. —— Sur quelques *Ustilaginées* nouvelles ou peu connues. *Ann. Sci. Nat.* 6 ser. XV. 269–296. Pl. 14–16. June, 1883.

Has accounts of the structure of American species of *Testicularia*, *Cintractia*, and *Doassansia*, with figures. See also *Bull. Soc. Bot. France*, XXX. 130–133. March, 1883.

Coulter, John Merle. Ningpo, China, 20 Nov. 1851. See BOTANICAL BULLETIN. See HAYDEN, F. V. See PORTER, T. C.

184. —— *Uromyces Lespedezae*. *Bot. Gaz.* (*Bot. Bull.*) I. 20. March, 1876.

Synonymy of species given in note from C. H. Peck.

185. —— A large puff-ball. *Bot. Gaz.* VI. 290. Nov. 1881.

Note on a *Lycoperdon giganteum*, 58 × 32 inches in circumference.

Coulter, (M.) Stanley. Ningpo, China, 2 June, 1853. See BOTANICAL GAZETTE.

Cragin, Francis Whittemore. Greenfield, N. H., 4 Sept. 1858.

186. First contribution to the catalogue of the *Hymenomycetes* and *Gasteromycetes* of Kansas. *Bull. Washburn Coll. Laboratory Nat. Hist.* Topeka, Kan. I. 19–28, Sept. 1884; 33–42, pl. 1, Feb. 1885.

Part I. gives an enumeration of 139 *Hymenomycetes*, 3 new species by Cragin, the others determined mostly by J. B. Ellis, A. P. Morgan, and C. H. Peck. Part II., *Gasteromycetes*, including *Myrmaastrea*, 49 species named, 8 new, with plate of *Phalloidei*. New species given in *Jour. Myc.* I. 28. Rev. in *Am. Nat.* XIX. 399.

187. —— Second contribution to the catalogue of the *Hymenomycetes* and *Gasteromycetes* of Kansas. *Bull. Washburn Coll. Laboratory Nat. Hist.* I. 65–67. Jan. 1885.

Continuation of the above. Twenty species enumerated, one new, all *Hymenomycetes*. See *Jour. Myc.* I. 58.

188. —— A contribution to the knowledge of the lower fungi of Kansas. *Bull. Washburn Coll. Laboratory Nat. Hist.* I. 67–72. Feb. 1885.

Enumeration of 69 species, principally *Ascomycetes*, 2 new species. See *Jour. Myc.* I. 47.

189. —— A new genus and species of Tremelline Fungus. *Bull. Washburn Coll. Laboratory Nat. Hist.* I. 82. Feb. 1885.

Describes a new genus, *Ceracea*. See *Jour. Myc.* I. 58.

Currey, Frederick. Eltham, Kent, England, 19 Aug. 1819. †Blackheath, 8 Sept. 1881.

190. Synopsis of the fructification of the *Compound Sphaeriae* of the Hookerian Herbarium. *Trans. Linn. Soc.* XXII. 257–287. Pl. 45–49. 1859. Read 4 March, 1858.

See following titles.

191. —— Synopsis of the fructification of the *Simple Sphaeriae* of the Hookerian Herbarium. *Trans. Linn. Soc.* XXII. 313–335. Pl. 57–59. 1859. Read 5 May, 1859.

See next title.

192. —— Supplementary observations on the *Sphaeriae* of the Hookerian Herbarium. *Trans. Linn. Soc.* XXV. 239–262. 1866. Read 15 June, 1865.

In the three papers just mentioned there is an account of the spores of a considerable number of species from the Schweinitz herbarium, with figures of some of them.

—— *and* **Hanbury,** D.

193. Remarks on *Sclerotium stipitatum*, *Pachyma Cocos*, and some similar productions. *Trans. Linn. Soc.* XXIII. 93–97. Pl. 9, 10. 1860. Read 3 May, 1860.

An account of Tuckahoe, with notice of previous works on the subject.

Curtis, Edward. See BILLINGS, J. S.

Curtis, Moses Ashley. Stockbridge, Mass., May 11, 1808. †Hillsborough, N. C., April 10, 1872. See BERKELEY, M. J. See DUBY, J. E. See PORCHER, F. P. See RAVENEL, H. W., Exsiccati in Supplement. See SPRAGUE, C. J. See TUCKERMAN, E.

194. —— Contributions to the mycology of North America. *Am. Jour. Sci. Arts*, 2 ser. VI. 349–353, and 444. Nov. 1848.

A brief account of works relating to North American fungi up to date, followed by an enumeration of 30 species, 10 described as new. The species are, with one exception, from North and South Carolina, and most of them are repeated in Berkeley's "Notices of North American Fungi." See no. 42, above. For continuation of this paper, see BERKELEY and CURTIS, no. 47, above.

195. —— Geological and natural history survey of North Carolina. Part 3, Botany; containing a catalogue of the indigenous and naturalized plants of the state. 8°. pp. 156. Raleigh. 1867.

Gives a list, pp. 83–154, of 2392 fungi, edible species in italics. This list is the most extensive up to date, with the exception of Schweinitz's Synopsis. Many of the names appear here for the first time in print, and the descriptions, credited to Berkeley and Curtis, were given by Berkeley in the Notices of North American Fungi, q. v. Four species omitted from the list are given on a supplementary unnumbered page. A few species named have never been described. The list of edible fungi is given by F. P. Porcher in "Fungi, edible and poisonous," q. v.. See also *Rept. U. S. Dept. Agr. for* 1876, p. 79.

Curtis, Moses Ashley.

196. On the esculent fungi of America. *Jour. Roy. Hort. Soc.* II. new ser. 71–79. 1870. Also *Gard. Chron.* 9 Oct. 1869. p. 1066.

Gives in a letter to Berkeley the results of experiments on a number of species, especially from Carolina, with remarks on taste and value as food. Substance of this article to be found in "Fungi, their nature and uses," p. 88 *et seq.* See COOKE and BERKELEY.

N. B. In *Am. Jour. Sci. Arts*, XLII. 2 ser. p. 129, it is stated that Curtis is about to publish a work on edible fungi, but the contemplated work was never issued.

—— *and* **Berkeley,** M. J.

197. United States Exploring Expedition during the years 1838–1842, under the command of Charles Wilkes, U.S.N. Vol. XVII. Botany. 4°. Philadelphia. 1862. 1874. Fungi. pp. 195–203. Pl. 1.

Thirty-one species named, of which 3 are from Oregon; *Cantharellus aurantiacus, Polyporus vellereus* var. and *Batarrea phalloides*. For other fungi of Wilkes' Expedition, see BERKELEY and CURTIS, no. 48, above. Extras distributed in 1862. Volume issued 1874.

Day, David Fisher. Buffalo, 11 June, 1829.

198. A catalogue of the native and naturalized plants of the city of Buffalo and its vicinity. *Bull. Soc. Nat. Sci.* Buffalo, IV. 65–152, 1882; 153–290, 1883. Reprint. 8°. pp. 215, with chart. Buffalo. 1883.

The fungi, pp. 174–235 (110–171), were determined by C. H. Peck from specimens collected by G. W. Clinton; 869 species are enumerated, with their habitats and, in some cases, synonymy and critical notes. Some of the species previously mentioned in *Reports N. Y. State Museum Nat. Hist.* See PECK, C. H.

Demetrio, Carl Hermann. Eisenberg, Saxony, 24 Dec. 1845. See WINTER, G.

199. **Department of Agriculture** of the United States. See AGRICULTURAL REPORTS.

Desmazières, Jean Baptiste Henri Joseph. 1796. †Lambersart, near Lille, 23 June, 1862. See BERKELEY, M. J.

Desvaux, Nicaise Augustin. Poitiers, 28 Aug. 1784. †Bellevue, near Angers, 12 July, 1856. See PERSOON, C. H.

200. Observations sur quelques genres à établir dans la famille des champignons. *Desvaux's Journal de Botanique*, II. 88–105. Paris. 1809.

On p. 94 the genus *Calostoma* is described, founded on *Scleroderma calostoma*, P., *Mitremyces cinnabarinus*, Schw.

Duby, Jean Etienne. Geneva, 1798. †Geneva, 24 Nov. 1885.

201. Mémoire sur la tribu des *Hystérinées* de la famille des *Hypoxylées* (*Pyrénomycètes*). 4°. pp. 58. Pl. 1, 2. Geneva. 1861. Ext. *Mém. Soc. Phys. et Hist. Nat.* XVI. 15–70. Pl. 1, 2. Geneva. 1862.

Includes descriptions of 19 American species, 8 new, principally from collections of M. A. Curtis, H. W. Ravenel, and Schweinitz, with figures of some of them. For revision of species in this work, see REHM, H., and BILLINGS, J. S., title no. 68b.

Dudley, Plimmon Henry. Freedom, Portage Co., O., 21 May, 1843.

202. Fungi inducing decay in timber. *Trans. Acad. Sci.* New York, V. 110–118. Jan. 1886.

Gives a list of 17 species, *Hymenomycetes*, known by the writer to cause rotting of timber in the Eastern States, *Lentinus lepideus* being the most destructive. Also notes on the action of other species named.

203. —— Fungi which cause decay in timber. *Jour. N. Y. Micros. Soc.* II. 36, 37. Feb. 1886.

Account of the growth of *Lentinus lepideus*.

204. —— Woods and their destructive fungi. *Pop. Sci. Monthly*, XXIX. 433–444, 604–617. Fig. 23. Aug.—Sept. 1886.

Account of observations on the action of fungi on timber and the remedies, with descriptions and figures of a number of species, principally *Polyporei*.

Earle, Franklin Sumner. Dwight, Grundy Co., Ill., 4 Sept. 1856.

205. Notes on the North American forms of *Podosphaera*. *Bot. Gaz.* IX. 24–26. Feb. 1884.

Account of different forms referred to *P. Oxyacanthae* (DC.).

205a. —— Fungoid diseases of the strawberry. *Rept. Kansas State Hort. Soc.* XIV. 133–137. Topeka. 1885. Also *Rept. Am. Hort. Soc. for* 1884. See next title.

206. —— Fungoid diseases of the strawberry. *Fruit-Growers' Jour.* Cobden, Ill. 29 Jan. 1885. Also *Trans. Miss. Valley Hort. Soc.* III. 47–54.

Account of *Ramularia Tulasnei, Gloeosporium Potentillae*, and a new *Bacillus*.

Eaton, Amos. Chatham, Columbia Co., N. Y., 17 May, 1776. †Troy, N. Y., 10 May, 1842.

207. A Manual of Botany for the Northern States, comprising generic descriptions of all phaenogamous and cryptogamous plants to the north of Virginia, hitherto described; with references to the natural orders of Linnaeus and Jussieu. 12°. pp. 164. Albany. 1817.

This volume, which has on the title-page "By the members of the botanical class in Williams College, from a manuscript system compiled by the author of Richard's Botanical Dictionary," is the first edition of the following work.

208. —— A Manual of Botany for the Northern and Middle States. Part 1, containing generic descriptions of the plants to the north of Virginia, with references to the natural orders of Linnaeus and Jussieu. Part 2, containing descriptions of the indigenous plants, which are well defined and established; and of the cultivated exotics.. 12°. Albany. 1817. pp. 524. 2d ed. 1818; 3d ed. 1822; 4th ed. 1824; 5th ed. 1829; 6th ed. 1833; 7th ed. 1836; 8th ed. 1840.

The 1st edition has 3 pages, with 22 genera of fungi, each illustrated by a single species, compiled by the author mostly from Turton and Linnaeus. The 2d edition has the same genera, pp. 117–119 of part 1, but they are repeated alphabetically in the second part, and several species described under them, including some not given by Muhlenberg. The generic characters of fungi of this edition are said to be taken from Linnaeus. In the 3d edition, 54 genera of fungi are given from Persoon's Synopsis, and the list of species corresponds with Muhlenberg's Catalogue. Editions 4 and 5 have the same fungi. The 6th edition has the genera of fungi, pp. 6–13, part 2, rearranged from Loudon on Fries's system, the species the same as before, with some additions. In editions 7 and 8, fungi the same as before.

209. —— Observations on the *Boletus igniarius*, showing its analogy to animal substances in closing its several parts. *Am. Jour. Sci. Arts*, VI. 177. Jan. 1823.

Account of the union of cut surfaces in this species.

Edwards, A. M.

210. Note on fungi. *Torr. Bull.* II. 39, 40. Oct. 1871.

Mention of 5 *Uredineae* from New York, determined by M. C. Cooke.

Ehrenberg, Christian Gottfried. Delitzsch, 19 April, 1795. †Berlin, 27 June, 1876.

211. Fungos a viro clarissimo Adalberto de Chamisso sub auspiciis Romanzoffianis in itinere circa terrarum globum collectos enumeravit novosque descripsit et pinxit Dr. C. G. Ehrenberg. *Horae Physic. Berolin.* pp. 79–104. Pl. 17–20. f°. Bonn. 1820.

Includes descriptions of 7 species from Unalaschka, 2 from St. Lawrence Island, 4 new, with figures.

Ellis, Job Bicknell. Potsdam, N. Y., 21 Jan. 1829. See BRITTON, N. L. See CRAGIN, F. W. See COOKE, M. C. See JOURNAL MYCOLOGY. See MACOUN, J. See PECK, C. H. See SACCARDO, P. A.

Ellis, Job Bicknell.

212. New species of fungi found at Newfield, N. J. *Torr. Bull.* V. 45, 46, Nov. 1874; VI. 75–77, Feb. 1876.

Descriptions of 16 species.

213. —— South Jersey fungi. *Torr. Bull.* VI. 106–109, 133–135. Sept. 1876—Feb. 1877.

Continuation of paper by C. H. Peck, *Torr. Bull.* VI. 13, 14. Characters of 29 new species, new name proposed for *Boletus squamulosus*, and note on synonymy of *Sphaeronema nigripes*.

214. —— Rediscovery of a lost *Sphaeria*. *Torr. Bull.* VI. 231, 232. May, 1878.

Reports the discovery of *S. barbirostris*, Duf., in New Jersey.

215. —— On the variability of *Sphaeria Quercuum*, Schw. *Proc. Acad. Nat. Sci.* Philadelphia. 1879. pp. 66–70.

Twenty different species are considered to be the same as *S. Quercuum*, and the name *Melogramma fuliginosum* is proposed to designate them all. See review by M. C. Cooke in *Grev.* VIII. 35, 36, and reply by J. B. Ellis in *Proc. Acad. Nat. Sci.* Philadelphia, 1879, pp. 381, 382, and *Grev.* VIII. 143–144, with supplementary note by Cooke.

216. —— A new *Sphaeria* on grapes. *Torr. Bull.* VII. 90, 91. Aug. 1880.

Describes *S. Bidwellii*, which is thought to be connected with *Phoma uvicola*.

217. —— Development of *Sphaeria Solidaginis*, Schw. *Torr. Bull.* VIII. 29. March, 1881.

States that *Coleosporium Solidaginis* is a form of *Dothidea Solidaginis*.

218. —— New species of North American fungi. *Torr. Bull.* VIII. 64–66, 73–75, 89–91, June, July, August, 1881; —IX. 18–20, 73, 74, 98, 99, 111, 112, 133, 134, Feb., June, Aug., Sept., Nov. 1882; —X. 52–54, May, 1883.

Characters of 92 species, principally from New Jersey, some distributed in North American Fungi Exs. Also 10 species from Utah, and a few from Maine, New York, etc. In two of the parts the title reads "New North American Fungi."

219. —— New *Ascomycetous* fungi. *Torr. Bull.* VIII. 123–125. Nov. 1881.

Characters of 13 species collected in Pleasant Valley, Utah, by S. J. Harkness.

220. —— *Diatrype disciformis* var. *Magnoliae*. *Am. Nat.* XVI. 238, 239. March, 1882.

The variety separated as a species under the name *D. tremellophora*.

221. —— New fungi. *Am. Nat.* XVI. 810, 811. Oct. 1882.

Describes 7 species of *Septoria* and *Cercospora* from Lexington, Ky.

222. —— New species of North American fungi. *Am. Nat.* XVII. 192–196, 316–319, Feb., March, 1883.

Descriptions of 35 *Ascomycetes*, principally from New Jersey and Iowa.

223. —— Large fungi. *Am. Nat.* XVII. 1064. Oct. 1883.

Note on large *Hydnum septentrionale*, *Trametes suaveolens*, etc.

224. —— Notes on *Gymnosporangium* and *Roestelia*. *Am Nat.* XVII. 1281. Dec. 1883.

225. —— Notes on fungi. *Am. Nat.* XVIII. 530, 531, 721, 722. May, June, 1884.

Notes on peculiarities of a number of *Polypori*.

226. —— Note on *Sphaerella polystigma*, Ell. and Everh. *Torr. Bull.* XI. 120. Oct. 1884.

Notes a septum in the spores.

227. —— *Microsphaera fulvo-fulcra*, Cooke. *Jour. Myc.* I. 83. June, 1885.

The no. 823, North American Fungi Exs., and 3045, Fungi Eur., are *Podosphaera*, probably *P. minor*, Howe.

228. —— Notes on *Polyporus*. *Jour. Myc.* II. 5, 6. Jan. 1886.

Observations on *P. frondosus*, *P. flavo-virens*, *P. dependens*, and *P. Ellisii*.

229. —— Notes on some published species of fungi. *Jour. Myc.* II. 43, 44. April, 1886.

Notes on 5 species. See next title.

230. —— *Uncinula polychaeta*, B. and C. *Jour. Myc.* II. 52, 53. May, 1886.

A comparison of this species with *U. Lynchii*, Speg. See also *Jour. Myc.* II. 43.

231. —— Phosphorescent fungi. *Jour. Myc.* II. 70, 71. June, 1886.

Panus stypticus said to be phosphorescent.

—— *and* **Everhart**, B. M.

232. New species of fungi. *Torr. Bull.* X. 76, 77, 89, 90, 97, 98, 117, 118. July—Oct. 1883.

Describes 29 species, mostly *Ascomycetes*, the greater part from Pennsylvania and New Jersey.

233. —— —— New (species of) North American fungi. *Torr. Bull.* XI. 17, 18, 41, 42, 73–75. Feb., April, July, 1884.

Describes 24 species from New Jersey, Iowa, Illinois, Canada, and California.

234. —— —— New species of fungi from Washington Territory, collected by W. N. Suksdorf during the summer and fall of 1883. *Bull. Washburn Coll. Laboratory Nat. Hist.* I. 3–6. Sept. 1884.

Descriptions of 16 species of different orders.

235. —— —— Enumeration of the North American *Cercosporae*, with descriptions of the species. *Jour. Myc.* I. 17–24, 33–40, 49–56, 61–67. Feb.—May, 1885.

Descriptions of 116 species, with list of host-plants. See no. 246.

236. —— —— New fungi. *Jour. Myc.* I. 42–44, 140, 141, 148–154. March, Nov., Dec. 1885.

Descriptions of 42 species; a new genus, *Kellermania*. See also *Hedwigia*, XXV. 108–110.

237. —— —— On *Ramularia obovata*, Fuckel. *Jour. Myc.* I. 69, 70. May, 1885.

Critical note on some forms referred to this species, some of which are placed in a new species *R. decipiens*.

238. —— —— North American species of *Ramularia*, with descriptions of the species. *Jour. Myc.* I. 73–83. June, 1885.

Descriptions of 41 species, with list of host-plants. See no. 241.

239. —— —— Canadian Fungi. *Jour. Myc.* I. 85–87. July, 1885.

List of 34 species collected by Prof. John Macoun, 5 described as new.

240. —— —— New species of fungi. *Jour. Myc.* I. 88–93. July, 1885.

Descriptions of 23 new species from Dakota, Oregon, Utah, New Jersey, and other States.

241. —— —— Supplementary notes on *Ramularia*. *Jour. Myc.* I. 102. Aug. 1885.

Note on *R. macrospora* v. *Senecionis* and *R. crypta*.

242. —— —— The North American species of *Gloeosporium*. *Jour. Myc.* I. 109–119. Sept. 1885.

Forty-seven species, with list of hosts.

243. —— —— A new genus of *Pyrenomycetes*. *Jour. Myc.* I. 128, 129. Oct. 1885.

Description of *Hypsotheca*, with 3 species.

244. —— —— North American species of *Cylindrosporium*. *Jour. Myc.* I. 126, 128. Oct. 1885.

Descriptions of 8 species, with list of host-plants.

Ellis, J. B., *and* **Everhart**, B. M.

245. Fungi of the Greeley Expedition. *Bot. Gaz.* X. 366. Oct. 1885. Also *Jour. Myc.* I. 141. Nov. 1885.

Description of *Puccinia Cheiranthi* on *C. pygmaeus* from Grinnell Land.

246. —— —— Supplementary enumeration of the *Cercosporae*. *Jour. Myc.* II. 1, 2. Jan. 1886.

Gives 6 additional species, 5 of them new.

247. —— —— Synopsis of the North American *Hypocreaceae*, with descriptions of the species. *Jour. Myc.* II. 28–31, 49–51, 61–69, 73–80, 97–99, 109–111, 121–125, 133–137; — III. 1–6. March, 1886—Jan. 1887.

Full descriptions of 161 species, with host index.

248. —— —— New species of fungi from various localities. *Jour. Myc.* II. 37–42, 87–89, 99–104. April—Sept. 1886.

Fifty-four species, mostly from Louisiana. One new genus, *Coscinaria*.

249. —— —— *Kellermania*, Ell. and Everh. *Jour. Myc.* II. 111. Oct. 1886.

The genus emended and two new species described.

—— *and* **Harkness**, H. W.

250. Some new species of North American fungi. *Torr. Bull.* VIII. 26–28, 51–52. March—May, 1881.

Descriptions of 11 species, 2 from California, the rest from New Jersey and Pennsylvania.

251. —— —— New Californian fungi. *Bull. Cal. Acad. Sci.* I. 26–29 (6–9). Feb. 1884.

Descriptions of 8 species, all but 1 *Uredineae*.

—— *and* **Holway**, E. W.

252. New fungi from Iowa. *Jour. Myc.* I. 4–6. Jan. 1885.

Descriptions of 15 species.

—— *and* **Kellerman**, W. A.

253. New species of North American fungi. *Am. Nat.* XVII. 1164–1166. Nov. 1883.

Fourteen species, principally from Fairfield Co., Ohio.

254. —— —— Kansas Fungi. *Torr. Bull.* XI. 114–116, 121–123. Oct., Nov. 1884.

Descriptions of 26 species, the greater part *Cercosporas*.

255. —— —— New Kansas Fungi. *Jour. Myc.* I. 2–4, Jan. 1885; — II. 3, 4, Jan. 1886.

Descriptions of 20 new species. See species in *Hedwigia*, XXIV. 126, 127, 172–174.

256. —— —— Two new species of *Cylindrosporium*. *Jour. Myc.* II. 81. July, 1886.

Descriptions of *C. Tradescantiae* and *C. angustifolium*.

—— *and* **Martin**, G.

257. Some new species of *Sphaeriaceous* fungi. *Am. Nat.* XVI. 809, 810. Oct. 1882.

Describes 5 species, 4 of them on *Sabal serrulata* in Florida.

258. —— —— New species of North American fungi. *Am. Nat.* XVI. 1001–1004, Dec. 1882; — XVIII. 1147–1148, 1264, Nov., Dec. 1884; — XIX. 76, 77, Jan. 1885.

Descriptions of 41 species, the greater part from Florida.

259. —— —— New Florida Fungi. *Am. Nat.* XVII. 1283–1285, Dec. 1883; — XVIII. 69, 70, 188–190, Jan., Feb. 1884.

Describes 22 species collected near Green Cove Spring, Florida.

260. —— —— New Florida Fungi. *Jour. Myc.* I. 97–101. Aug. 1885.

Notes and descriptions of 15 species, some from New York, New Jersey, and Lake Superior. Descriptions also given in *Hedwigia*, XXV. 40–44.

261. —— —— New Fungi. *Jour. Myc.* II. 128, 130. Nov. 1886.

Descriptions of 11 species, principally *Phyllostictae*, from different localities.

Endlicher, Stephan Ladislaus. Pressburg, 24 June, 1804. †Vienna, 28 March, 1848.

262. Genera Plantarum secundum ordines naturales disposita. 4°. pp. LX. 1483. Vienna. 1836–1840.

Includes descriptions of American genera of fungi taken from original sources. Nothing of importance in supplements.

Engelmann, George. Frankfort-on-the-Main, 2 Feb. 1809. †St. Louis, 4 Feb. 1884. See de Bary, A. See Goethe, R.

263. —— Diseases of grapes. *Trans. Acad. Sci.* St. Louis, II. 165, 166. Read 16 Sept. 1861.

The report of proceedings of this meeting contains some remarks on *Peronospora viticola* and the black rot, said to be caused by *Naemaspora ampelicida*. See also de Bary, A. Also given in full in *Am. Pomol. Soc. Session* 1879, pp. 41, 42.

264. —— Oak and grape fungi. *Trans. Acad. Sci.* St. Louis, III. ccxv., ccxvi. 1878. Read 5 June, 1876.

Notes on *Phoma viticola*, *Depazea Labruscae*, and a new species, *Septoria Querci*, the latter not described.

265. —— Illustrated descriptive catalogue of American grape vines. A grape-growers' manual. 4°. pp. 153. St. Louis. 1883. 3d ed.

The so-called Bushberg Catalogue of Bush & Son & Meissner, of which earlier editions appeared in 1869 and 1875. Has on pp. 47–48, a notice of diseases of the grape vine by Engelmann, including *Peronospora viticola*, *Oïdium*, and *Phoma uvicola*. Not in earlier editions which, like 3d ed., have general notices of grape diseases by the editors.

Everhart, Benjamin Matlack. West Whiteland, near West Chester, Pa., 24 April, 1818. See Ellis, J. B. See Exsiccati in Supplement.

Farlow, William Gilson. Boston, Mass., 17 Dec, 1844.

266. The Potato Rot. *Bull. Bussey Inst.* I. 319–338. Fig. 7. 1875.

A popular account of potato rot, lettuce mould, etc.

267. —— On a disease of Olive and Orange Trees, occurring in California in the spring and summer of 1875. *Bull. Bussey Inst.* I. 404–414. Pl. 1. March, 1876.

Detailed account of *Capnodium Citri* and the injury done by it, with notes on synonymy. Rev. in *Pacific Rural Press*, XXV. 208. 10 March, 1883. See no. 270.

268. —— On the American grape-vine mildew. *Bull. Bussey Inst.* I. 415–429. Pl. 2, 3. March, 1876.

Account of the development of *Peronospora viticola*, followed by a synopsis of the *Peronosporeae* of the United States, in which 9 species are described. Rev. in *Jour. Roy. Hort. Soc.* V. 2 ser. 68–76. See no. 270.

269. —— List of fungi found in the vicinity of Boston. *Bull. Bussey Inst.* I. 430–439, March, 1876; — II. 224–252, Jan. 1878.

Part 1 gives an enumeration of 242 species, with localities and hosts. Part 2, an enumeration of 121 additional species, with critical notes on *Chytridineae*, one new species described, *Uredineae*, *Gasteromycetes*, and other orders, besides a supplementary note with descriptions of *Hendersonia Curtisii*, Berk., *H. nobilis*, B. and C., and *H. pubens*, B. and C., from the Curtis herbarium. See no. 270.

270. —— The Black Knot. *Bull. Bussey Inst.* I. 440–454. Pl. 4–6. March, 1876.

Detailed account of the anatomy and action of *Sphaeria morbosa*, Schw. Rev. in *North Am. Entomol.* I. 13–15. This paper, bound with no. 267 and 268 and the first part of no. 269, was issued as a separate pamphlet, with original paging, March, 1876.

Farlow, William Gilson.

271. Onion Smut, an essay presented to the Massachusetts Society for Promoting Agriculture, pp. 15, pl. 1, and fig. 5. Boston. 1877. Extr. *24th Rept. Mass. Board Agr. for* 1876. Part 2. pp. 164–176.

Account of *Urocystis Cepulae*, and damage done by it in New England, with a note on *Papulaspora sepedonioides*. Rev. in *Grevillea*, V. 158; and *Gard. Chron.* 1877. pp. 441 and 634.

272. —— Notes on some common diseases caused by fungi. *Bull. Bussey Inst.* II. 106–114. Pl. 1. 1877.

Notes on *Sphaeria morbosa*, *Urocystis Cepulae*, etc., with account of *Uncinula spiralis* and its action, with figures. Rev. in *Jour. Roy. Hort. Soc.* V. new ser. 69–71. Plate also given in *Rural New-Yorker*. 30 Jan. 1886.

273. —— Diseases of fruit-bearing trees. *25th Rept. Mass. Board Agr. for* 1877. pp. 218–233 (1–16). Fig. 7. 1878.

Popular account of black-knot of plums, grape moulds, etc., with figures from author's previous papers.

274. —— On the synonymy of some species of *Uredineae*. *Proc. Amer. Acad. Arts and Sci.* Boston, XIII. (V. n. s.) 251, 252 (262, 263). 1878. Read Feb. 1878.

Notes on nomenclature of a *Uromyces* on *Brisopyrum*, *Ramularia* on *Rumex*, and a *Puccinia* on *Malvastrum*, in California. By a misprint, pages of reprint differ from original.

275. —— Diseases of forest trees. *Trans. Mass. Hort. Soc. for* 1879. Part 1. pp. 44–46. 1879.

Abstract of popular lecture. Substance given in *Bot. Gaz.* IV. 244.

276. —— The *Gymnosporangia* or cedar apples of the United States. *Anniversary Memoirs Soc. Nat. Hist.* Boston. pp. 1–38. Pl. 1, 2. 1880.

Description of the *Gymnosporangia* and *Roestelliae* of the United States, with account of cultures made to show the connection of the species of the two genera. One hundred reprints issued. As paper is hard to obtain, consult following reviews. *Bot. Gaz.* VI. 209; *Am. Nat.* XV. 471; *Torr. Bull.* VIII. 71; *Grevillea*, IX. 138.

277. —— Unusual habitat of a *Coprinus*. *Torr. Bull.* VIII. 67. June, 1881.

Notes the occurrence of *C. stercorarius* on water containing algae.

278. —— Notes on *Gymnosporangia*. *Torr. Bull.* VIII. 85–87. Aug. 1881.

New localities of *Gymnosporangia* and *Calyptospora*.

279. —— Notes on some species in the 3d and 11th centuries of Ellis's North American Fungi. *Proc. Am. Acad. Arts and Sci.* Boston, XVIII. (X. n. s.) 65–85. 1883. Issued July, 1883.

Critical notes on several *Peronosporae*, *Uredineae*, and *Exoasci* of this series, with descriptions of 7 new species, one from Bermuda, preceded by general remarks on nomenclature of *Uredineae*. Rev. in *Bot. Gaz.* VIII. 302.

280. —— Note on *Phallus togatus*, Kalchb. *Bot. Gaz.* VIII. 258, 259. July, 1883.

Notes on the nomenclature of the *Dictyophorae* of the United States. *P. togatus*, Kalchbr., referred to *P. duplicatus*, Bosc. See KALCHBRENNER, K.

281. —— Notes on some *Ustilagineae* of the United States. *Bot. Gaz.* VIII. 271–278 (1–7). Aug. 1883.

General notes on *Ustilagineae* of the United States, with synopsis of species of the genus *Entyloma* in the United States, with descriptions of 4 new species, and description of *Doassansia Epilobii*.

282. —— Additional note on *Ustilagineae*. *Bot. Gaz.* VIII. 318. Oct. 1883.

Notes on the *Doassansia* and other species mentioned in last-named paper.

283. —— Enumeration of the *Peronosporeae* of the United States. *Bot. Gaz.* VIII. 305–315, 327–337. Oct., Nov. 1883.

Descriptions and synonymy of 35 species known in this country, 5 new species, with list of hosts. See no. 285.

284. —— Notes on the cryptogamic flora of the White Mountains. *Appalachia*, III. 232–251. Jan. 1884.

Enumeration of 108 fungi, pp. 237–251, 8 new species described, including 3 given also in *Bot. Gaz.* VIII. 275–277. Critical notes on several of the species, including an account of the *Peridermia* of the White Mountains. pp. 239–243. Rev. in *Rev. Myc.* VI. 129.

285. —— Additions to the *Peronosporeae* of the United States. *Bot. Gaz.* IX. 37–40. March, 1884.

Two species and one variety new to the United States, with new hosts for 13 species enumerated in paper above. See no. 283.

286. —— Maladies des morues sèches. *Rev. Myc.* VI. 197–199. Pl. 49. Fig. 1, 2. July, 1884.

Description of *Sarcina Morrhuae* and *Oïdium* (*Torula*) *pulvinatum*, with figure. See also foot-note in *Rev. Myc.* VII. 17, for correction.

287. —— Notes on a fungus parasitic on species of *Potamogeton*. *Trans. Field-Naturalists' Club*, Ottawa, II. 127–129 (1–3). 1884.

Notes on *Doassansia Farlowii* received from Dr. J. Fletcher.

288. —— Notes on fungi. *Bot. Gaz.* X. 219–221. Feb. 1885.

Remarks, with corrections of statements in papers here numbered 279 and 281.

289. —— Notes on some species of *Gymnosporangium* and *Chrysomyxa* of the United States. *Proc. Am. Acad. Arts and Sci.* Boston, XX. (XII. n. s.) 311–323. 1885. Read 11 Feb. 1885.

Summary of cultures of spores of *Gymnosporangia* made by author up to date, with additional remarks on the *Peridermia* and *Chrysomyxae* of the White Mountains and other localities. Rev. in *Jour. Myc.* I. 45.

290. —— The *Synchytria* of the United States. *Bot. Gaz.* X. 235–245. Pl. 4. March, 1885.

Synopsis of species in the United States, two of them new.

291. —— Notes on some injurious fungi of California. *Bot. Gaz.* X. 346–348, Oct. 1885; and *Proc. Am. Ass. Adv. Sci.* XXXIV. 300–303. Also in *Proc. Soc. Prom. Agr. Sci.* 1885. pp. 29–31.

Account of *Peronospora Hyoscyami* and *Puccinia Malvastri* in California.

292. —— Vegetable parasites of codfish. *Bull. U. S. Fish Comm.* VI. 1–4. Fig. 2. 1886.

Summary of papers on the subject, including fungi from paper no. 286, with additional notes.

293. —— Development of *Roesteliae* from *Gymnosporangia*. *Bot. Gaz.* XI. 189, 190. July, 1886.

Preliminary report. See next title.

294. —— The development of the *Gymnosporangia* of the United States. *Bot. Gaz.* XI. 234–241. Sept. 1886.

Paper read at the meeting of the Am. Ass. Adv. Sci. at Buffalo, N. Y., Aug. 1886, giving results of cultures made by B. D. Halsted and R. Thaxter, etc. Abstr. in *Proc. Am. Asso. Adv. Sci.* XXXV. 254. The paper by Thaxter, not here included, issued Jan. 1887, in *Proc. Am. Acad.* Boston.

295. —— On a supposed disease of roses caused by a fungus. *Proc. 7th Ann. Meeting Soc. Prom. Agr. Sci.* pp. 24, 25. Columbus, O. 1886.

Read at the meeting at Buffalo in August; issued in November. *Leptothyrium chromospermum*, Peck, on roses, said to be the spores of a *Pilobolus*, and *Gymnosporium harknessioides*, Ellis and Holway, considered to be spores of some ascomycetous fungus.

Farlow, William Gilson.

296. *Puccinia Malvacearum*, Mont., in Massachusetts. *Bot. Gaz.* XI. 309, 310. Nov. 1886.

Reports the discovery of this species on *Althaea rosea* at Beverly, Mass.

Field, Martin.

297. On the origin of ergot. *Am. Jour. Sci. Arts*, IX. 359–362. June, 1825.

Letter, with notes, on ergot in Vermont. Of little value at the present day.

Fisch, C.

298. Entwickelungsgeschichte von *Doassansia Sagittariae*. *Ber. Deutsch. Bot. Gesell.* II. 405–416. Pl. 10. Oct. 1884.

Includes a reference to *D. Epilobii* of the United States.

Fischer, Eduard.

299. Beitrag zur kentniss der gattung *Graphiola*. *Bot. Zeit.* XLI. 745–756, 761–773, 777–788, 793–801. Pl. 6. Nov. 1883.

Includes accounts, with figures, of *G. Phoenicis*, *G. congesta*, and *G. compressa*, the latter new, from United States.

300. —— Versuch einer systematischen Uebersicht über die bisher bekannten *Phalloideen*. *Jahrbuch des Bot. Gart. und Bot. Mus. zu Berlin*, IV. 1–92. Pl. 1. 1886.

General account of this group followed by full descriptions, including species of the United States. Rev. in *Am. Nat.* XX. 804. 1886.

Fischer de Waldheim, Alexandre.

301. Beiträge zur biologie und entwickelungsgeschichte der *Ustilagineen*. *Pringsheim Jarhb.* VII. 61–144. Pl. 7–12. 1869.

Does not refer specially to species of the United States. Given here because an English translation of the work was given in *Trans. N. Y. State Agr. Soc. for* 1870. pp. 280–384. Pl. 1–6. Albany. 1871.

302. —— Aperçu systématique des *Ustilaginées*, leurs plantes nourricières et la localisation de leurs spores. 4°. pp. 51. Paris. 1877.

Paper presented at the International Botanical Congress at Amsterdam. Preliminary account of species published in full in *Ann. Sci. Nat. Bot.* See no. 304.

303. —— Revue des plantes nourricières des *Ustilaginées*. 8°. pp. 20. Moscow. 1877. Extr. *Bull. Soc. Imp. Nat.* LII. 312–331. Moscow. 1877.

Taken from work named above, with emendations.

304. —— Les *Ustilaginées* et leurs plantes nourricières. *Ann. Sci. Nat. Bot.* 6 ser. IV. 190–276. 1876. (1877.)

General account of the order, followed by descriptions of all known species, including American forms, with host-index and index of organs attacked by these fungi. Also in Polish, with additional synonymy "Les Ustilaginées, esquisse monographie," part 1, pp. 16, 1877; part 2, pp. 131, 1878. Warsaw.

Forster, John Reinhold. Dirschau, 22 Oct. 1729. †Halle, 9 Dec. 1798.

305. Travels through that part of North America formerly called Louisiana by Mr. Bossu, Captain of the French marines. Translated from the French by John Reinhold Forster, F.A.S. Illustrated, with notes relative chiefly to Natural History. To which is added by the translator a systematic catalogue of all the known plants of English North America, or, a Flora Americae Septentrionalis, together with an abstract of the most useful and necessary articles contained in Peter Loefling's travels through Spain and Cumana in South America. 8°. Vol. I., II. pp. 407, 432. London. 1771.

On II. p. 68, is a list of 6 fungi from Virginia and Carolina. The catalogue of plants was also issued separately.

306. **Fortieth Parallel Expedition**, Fungi of. See Billings, J. S., and Frost, C. C.

Fowler, James. Bartibog, Miramichi, N. B., 17 July, 1829.

307. List of New Brunswick plants. *Ann. Rept. Secretary Agr., Province New Brunswick, for* 1878. Appendix B. pp. 35–63. Fredericton, N. B. 1879.

On p. 63 a list of 55 fungi, with hosts and localities. Also in *Educational Circular*, no. 9. Fredericton. 1880.

Fries, Elias Magnus. Femsjö, Smoland, 15 Aug. 1794. †Upsal, 8 Feb. 1878.

308. Observationes Mycologicae. 12°. Vol. I. pp. 230. Pl. 1–4. 1815. —Vol. II. pp. 372. Pl. 5–8. 1818. Copenhagen.

Notes on a small number of Schweinitzian species.

309. Systema Mycologicum, sistens fungorum ordines, genera et species, huc usque cognitas, quas ad normam methodi naturalis determinavit, disposuit atque descripsit Elias Fries. 12°. Vol. I. pp. 520. Lund. 1821. — Vol. II. 2 parts. pp. 620. Lund. 1822–23. — Vol. III. pp. 524, with Index, pp. 202, of genera, species, and synonyms in the Systema Mycologicum and Elenchus Fungorum. Greifswald. 1832.

Includes descriptions and revisions of a considerable number of American fungi, especially species of Schweinitz and Muhlenberg. See no. 311.

310. —— Systema orbis vegetabilis primas lineas novae constructionis periclitatur Elias Fries. Pars 1. Plantae Homonemeae. 12°. pp. 374. Lund. 1825.

Has references to genera and species of Bosc and of Schweinitz's Syn. Fung. Car. Sup.

311. —— Elenchus Fungorum, sistens commentarium in Systema Mycologicum. 12°. Vol. I. pp. 288. Vol. II. pp. 154. Greifswald. 1828.

This is the title given to the whole work in copies seen. There is a secondary title for each part, same as title here given, no. 309, to which is added "Supplementa voluminis primi — secundi. 1830." This work is in fact a supplement to vols. I. and II. of the *Systema Mycologicum*, and the contents are indexed in vol. III. of the *Systema*, published two years later.

312. —— Genera *Hymenomycetum*. 8°. pp. 17. Upsal. 1836.

Has notes on *Thelophora sistotremoides* and *T. pedicellata* of Schweinitz.

313. —— Synopsis generis *Lentinorum*. 8°. pp. 15. Upsal. 1836.

Includes descriptions of 10 species from the United States, among them *Agaricus chama*, Bosc, referred to *Lentinus*.

314. —— Epicrisis systematis mycologici, seu synopsis *Hymenomycetum*. 8°. pp. 608. Upsal. 1836–1838.

Includes descriptions and revisions of American species.

315. —— Summa vegetabilium Scandinaviae, seu enumeratio systematica et critica plantarum quum cotyledonearum tum nemearum inter mare occidentale et album inter Eidoram et Nordkap hactenus lectarum indicata simul distributione geographica. 8°. 2 parts. pp. viii. 572. 1846–1849. Stockholm and Leipsic.

In the second part is an enumeration and generic revision of fungi, pp. 261–525, 563, 564, including a considerable number of revisions of American genera, principally Schweinitzian.

316. —— Novae Symbolae Mycologicae in peregrinis terris a botanicis Danicis collectae. *Nova Acta. Sci.* Upsal, I. 17–136. 1851.

Includes notes on or descriptions of 54 species from the United States, mostly collected by M. A. Curtis and Schweinitz, some by H. W. Ravenel and Lindblom, and a number from the herbarium of E. Tuckerman.

317. —— Novarum symbolarum mycologicarum mantissa. *Nova Acta. Sci.* Upsal, I. 225–231. 1851.

Continuation of previous paper, including 20 species principally from Mexico and St. Thomas, W. I., but none credited to the United States.

Fries, Elias Magnus.

318. *Queletia*, novum *Lycoperdaceorum* genus. Accedit nova *Gyromitriae* species, *Oefv. Kl. Vetensk. Akad. Förhand.* XXVIII. 171–174. Pl. 4. 1871.

The *Morchella Carolinlana* of Bosc, referred to *Gyromitra*.

Frost, Charles Christopher. Brattleboro, Vt., 11 Nov. 1805. †Brattleboro, 16 March, 1880. See BILLINGS, J. S. See PECK, C. H. See TUCKERMAN, E.

319. —— Further enumeration of New England Fungi. *Proc. Soc. Nat. Hist.* Boston, XII. 77–81. 1869. Read 20 May, 1868.

Continuation of paper by C. J. Sprague, l. c. V. 325, and VI. 315. A list of 263 species, without localities, some of the species not described at the time, and the names, apparently manuscript names, given by M. A. Curtis.

320. —— Catalogue of *Boleti* of New England, with descriptions of new species. *Bull. Soc. Nat. Sci.* Buffalo, II. 100–105. June, 1874.

Enumeration of 47 species, 21 described as new by the author. Also one species by J. L. Russell and one of Berkeley and Curtis. See also Peck's 29th Rept. p. 45, and 38th Rept. p. 110.

N. B. The paper by this author, "Catalogue of cryptogamous or flowerless plants of Vermont," in Archives of Science, Newport, Vt., I. — III. does not include fungi.

Fuckel, Leopold. Ostrich-on-the-Rhine. †Vienna, 8 May, 1876. See BONORDEN, H. F.

Gerard, William Ruggles. Newburgh, N. Y., 29 March, 1841. See BULLETIN TORREY CLUB.

321. New species of fungi. *Torr. Bull.* IV. 47, 48, Oct. 1873; l. c. 64, Dec. 1873; — V. 26, 27, June, 1874; l. c. 39, 40, Sept. 1874; — VI. 31, 32, April, 1875; l. c. 77, 78, Feb. 1876.

Description of 48 new species, principally from Poughkeepsie, N. Y. Some of the species attributed to Cooke and Gerard. The species in parts 1, 3, and 5 also given in *Hedwigia*, XIII. 28, 20, 111, 112; XIV. 188–190. See also no. 324.

322. —— White mildews or blights. *Proc. Soc. Nat. Sci.* Poughkeepsie, I. 2–16. Pl. 1–4. 8 Feb. 1875.

General account of classification of fungi, with plate, including figure of *Hysterium magnosporium*, Gerard, followed by detailed account of *Erysiphei*, with figures of 28 species and description of *Microsphaera Van Bruntiana*, Gerard. Plate 1 of reprint is colored.

323. —— Spurious fungi. *Torr. Bull.* VI. 114, Oct. 1876.

States, on the authority of C. V. Riley, that *Rhytisma Solidaginis*, Schw., and *R. Asteris*, Schw., are insect galls.

324. —— Descriptions of new fungi. *Proc. Soc. Nat. Sci.* Poughkeepsie, I. 85–87. Read 1 Nov. 1876.

Descriptions of 11 species, 7 previously described in *Torr. Bull.* VI. 77, 78.

325. —— A truffle new to the North American flora. *Torr. Bull.* VI. 276. Nov. 1878.

Reports the discovery of *Tuber dryophilum* in Staten Island; also notes on distribution of truffles in the United States. Also given in *Proc. Soc. Nat. Sci.* Poughkeepsie, 20 Nov. 1878, pp. 18, 19.

326. —— The *Saprolegnia ferax*. *Proc. Soc. Nat. Sci.* Poughkeepsie. 18 Dec. 1878. pp. 25–28.

327. —— A new fungus. *Torr. Bull.* VII. 8–11. Pl. 1, 2. Jan. 1880.

Description and figure of *Simblum rubescens*, followed by a "List of United States *Phalloidei*," in which 13 species are enumerated. See *Rev. Myc.* II. 93. Pl. 6. Fig. 1.

328. —— Additions to the U. S. *Phalloidei*. *Torr. Bull.* VII. 29, 30. March, 1880.

Supplementary notes on last-named paper, with remarks on some species of Rafinesque.

329. —— Correlation between the odor of the Phalloids and their relative frequency. *Torr. Bull.* VII. 30–33. March, 1880.

330. —— The preservation of pileate fungi for the herbarium. *Torr. Bull.* VIII. 14–16. Feb. 1881.

Description of several methods. See also *Torr. Bull.* VIII. 32 *et seq.*, for account of G. Herpell's method.

331. —— Some fungi from New Mexico. *Torr. Bull.* VIII. 34. March, 1881.

Enumeration of 5 species, one described as new, *Aecidium Rusbyi*.

332. —— Reliquiae Rafinesquianae. *Torr. Bull.* XII. 87, 88. April, 1885.

Includes notes on 31 species of fungi in Rafinesque's "Select new plants of North America," of which there is a set of the proofs of unpublished plates in the library of the New York Academy of Science.

N. B. Species of new fungi by W. R. Gerard are included in Peck's 24th, 25th, and 26th Reports. Title no. 120 includes a letter from Gerard.

Goethe, Robert.

333. Mittheilungen über den schwarzen Brenner. pp. 22. Berlin and Leipsic. 1878.

Original not seen. An abstract is given in English in *Proc. Am. Pomol. Soc. Session* 1879, pp. 44–46, entitled "Abstract of a treatise on the anthracnose (*Sphaceloma ampelinum*), which includes references to Engelmann's paper on grape rots.

Goodale, George Lincoln. Saco, Me., 8 Aug. 1839. See AMERICAN NATURALIST.

Gore, James Howard. Frederick Co., Virginia, 18 Sept. 1856.

334. Tuckahoe or Indian bread. *Rept. Smithson. Inst. for* 1881. pp. 687–701 (1–13). Fig. 5. Washington. 1883.

Account of properties and structure of tuckahoe, with summary of writings on the subject.

Gray, George Robert.

335. Notices of insects that are known to form the bases of fungoid parasites. 4°. pp. 22. Pl. 6. 1858.

Privately printed by the author. No place of publication given on title-page, but probably London. A general summary, with full account of literature of the subject, including American references and good plates reproduced from various sources.

Greeley Expedition, Fungi of. See ELLIS, J. B., and EVERHART, B. M.

336. **Grevillea.** A monthly (quarterly) record of cryptogamic botany and its literature. Edited by M. C. Cooke. 8°. Illustr. Vol. I.–XV. July, 1872—Jan. 1887. London. To be continued.

Issued in monthly parts, from July, 1872—June, 1874, vols. I., II. From Sept. 1874 to present time issued quarterly. Includes all orders of cryptogams. Titles of papers on American fungi in this journal given here under authors' names. Reviews by the editor.

Gronovius, Jan Fredrik. 1690. †1762.

337. Flora Virginica exhibens plantas quas V. C. Johannes Clayton in Virginia observavit atque collegit. Easdem methodo sexuali disposuit, ad genera propria retulit, nominibus specificis insignivit et minus cognitas descripsit Joh. Fred. Gronovius. 8°. Part 1, pp. 128, and index. 1739. Part 2, pp. 129–206, preface and index. Leyden. 1743.

Part 1, p. 128, gives a list of 8 fungi. Part 2, p. 205, 7 fungi, including Tuckahoe. In the 2d edition of this work, published in 1762, pp. 176, index and map, 4°, is a list of 20 fungi, pp. 174–176.

Hagen, Hermann August. Königsberg, Prussia, 30 May, 1817.

338. Destruction of obnoxious insects, *Phylloxera*, potato-beetle, cotton-worm, Colorado grasshopper, and greenhouse pests, by application of the yeast fungus. 8°. pp. 11. Cambridge. 1879.

A paper reprinted, with slight modifications, from *Canadian Entomologist*, XI. 110–114. Recommends an application of yeast for destroying insects, and gives the results of application in certain cases.

Hagen, Hermann August.

339. On the destruction of obnoxious insects by yeast. *Canadian Entomologist*, XII. 81–83. May, 1880.

Supplementary to last-named paper, with notes on the botanical relations of *Entomophthorae*.

340. —— *Cordyceps Ravenelii* on the larvae of *Phyllophaga*. *Canadian Entomologist*, XII. 89. May, 1880.

341. —— Experiments with yeast in destroying insects. *Canadian Entomologist*, XIV. 88, 89. Feb. 1882.

Gives a letter from Thomas H. Hart, relating his success in applying yeast, from which certain conclusions are drawn.

Hallier, Ernst.

342. *Coniothecium Stilesianum*. *Rept. N. Y. State Agr. Soc. for* 1867, XXVII. part 2, 1149, 1150.

A letter from Hallier, including an account of this fungus, supposed to be the cause of Texas cattle fever. Also a letter from Hallier on p. 1146.

Halsey, Abraham.

343. Remarks on certain entozoical fungi. *Ann. Lyc. Nat. Hist.* New York, I. 125, 126. April, 1824.

Notice of exotic forms and brief reference to *Isaria Sphingum*, Schw.

Halsted, Byron David. Venice, Cayuga Co., N. Y., 7 June, 1852.

344. Our common moulds. *Pop. Sci. Month.* IX. 398–409. Fig. 13. Aug. 1876.

345. —— Injurious and other fungi. *Trans. Mass. Hort. Soc. for* 1877. Part 1. pp. 28–44. Pl. 1–3. Read 27 Jan. 1877.

Brief account of several common diseases of fungi, wheat blight, grape mould, black knot, etc.

346. —— Fungi injurious to farmers. *Register of Rural Affairs*, VIII. 181–187. Fig. 5. Also in *Rept. Connecticut Board Agr. for* 1881.

347. —— The white mildews. *Am. Pomolog. Soc. Session* 1883, pp. 87–89.

An account of several species of *Perisporiaceae* and the harm done by them.

348. —— How fungi live in winter. *Pop. Sci. Month.* XXVI. 611–620. Fig. 1–12. March, 1885.

Account of resting condition of several species.

349. —— A new Iowa *Aecidium*. *Jour. Myc.* II. 52. May, 1886.

Description of *Aecidium Phrymae*.

350. —— *Gymnosporangium macropus* on *Pirus coronaria*. *Bot. Gaz.* XI. 190, 191. July, 1886.

Account of open-air cultures made at Ames, Iowa, to show the development of the aecidia of this species. See also paper entitled "The wild crab apple" in *Country Gentleman*, 21 Oct. 1886.

351. —— An interesting *Peronospora*. *Bot. Gaz.* XI. 272. Pl. 8. Fig. a. b. Oct. 1886.

Account of *P. graminicola* in Iowa.

The following papers from the *American Agriculturist*, New York, should also be noted: "The American grape mildew," 1879, p. 348, fig. 5; also in *Michigan Pomol. Rep.* 1877, p. 134; — "What are fungi?" 1879, p. 268, fig. 4; — "The Wheat Rust," 1879, p. 301, fig. 6; — "Ergot," 1879, p. 388, fig. 8; — "Apple-leaf fungus," 1879, p. 468, fig. 5; — "White Mildews," 1879, p. 508, fig. 4; — "Black Knot," 1880, p. 22, fig. 6; — "Onion Smut," 1880, p. 104, fig. 3; — "Lettuce Mould," 1880, p. 148, fig. 3; — "Elderberry fungus," 1880, p. 234, fig. 1; — "The Corn Smut," 1880, p. 475, fig. 4; — "Wheat, oat, and barley smut," 1881, p. 404, fig. 3.

Hanbury, Daniel. 11 Sept. 1825. †London, 24 March, 1875. See CURREY, F.

Harkness, Harvey Wilson. Pelham, Mass., 25 May, 1821. See COOKE, M. C. See ELLIS, J. B. See PHILLIPS, W. See PLOWRIGHT, C. B.

352. —— A Foe to the Lumberman. *Pacific Rural Press*, XVII. 49. Fig. 2. 25 Jan. 1879.

Account of a fungus, *Daedalia vorax*, which attacks the wood of *Abies Douglasii*.

353. —— Fungi injurious to fruit-trees. *Ann. Rept. State Board Hort. California*, 1883. pp. 51–59 (1–8).

General account of diseases of plants caused by fungi, with notices of *Peridermium Harknessii*, *Daedalea vorax*, *Sphaeria morbosa*, *Capnodium Citri*, *Phyllosticta circumscissa*, and other fungi.

354. —— New species of Californian Fungi. *Bull. Cal. Acad. Sci.* I. 29–47. Feb. 1884.

Descriptions of 4 new genera, *Camposporium*, *Tropsporium Theclospora*, *Cleistosoma*, and 71 new species.

355. —— Fungi of the Pacific Coast. *Bull. Cal. Acad. Sci.* I. 159–176, pl. 1, Feb. 1885; l. c. 256–271 (1–16), 19 Nov. 1885.

Part 1 gives an enumeration of 192 species, with hosts and habitats, and descriptions of 10 new species and 2 new genera, *Dicranidion* and *Geopora*, with plate of *Lycoperdon sculptum*. Part 2 is an enumeration of 171 species, with hosts, localities, and notes, including one new species, *Secotium nubigenum*, followed by a list of 50 species from the Harkness herbarium, previously described in *Grevillea*, XIII. 111–114; and XIV. 8–10. See no. 168. See *Rev. Myc.* VII. 253.

N. B. The paper by this author on "White Mildew," read before the San Francisco Micros. Soc., 5 April, 1877, was not formally published, but distributed privately by the author. In this paper an account is given of pycnidia in *Erysiphe Graminis*. See also reviews of this paper by M. C. Cooke in *Grevillea*, V. 154, and *Gardeners' Chronicle*, 1877, pp. 441 and 634.

—— *and* **Moore,** J. P.

356. Catalogue of the Pacific Coast Fungi. Published under the direction of the California Academy of Sciences. 8°. pp. 46. Read 2 Feb. 1880.

An enumeration of 842 species of fungi from California, with hosts and localities, and 2 from the Sandwich Islands. One new species, *Agaricus tridens*, is described. This Catalogue was issued separately, and did not appear in any volume of the bulletins of the California Academy. Rev. in *Torr. Bull.* VII. 58, and *Rev. Myc.* VII. 253.

Hayden, Ferdinand Vandeveer. Westfield, Mass., 7 Sept. 1829.

357. Sixth Annual Report of the United States Geological Survey of the Territories, embracing portions of Montana, Idaho, Wyoming and Utah, being a report of progress of the explorations for the year 1872. 8°. pp. 844. Washington. 1873. Botany by J. M. Coulter. pp. 747–792.

Includes on last page a list of 10 fungi, with descriptions of two new species, *Peziza vulcanalis* and *Sphaeria Coulteri*, by C. H. Peck.

358. **Hedwigia.** Ein notizblatt für kryptogamische studien. Vol. I.–XXV. May, 1852—Jan. 1887. To be continued. 8°. Dresden. Illustr.

Vol. I. extends from 1852–1857, and vol. II. from 1858–1863. Since that date there has been a volume annually. Until Nov. 1878, the editor was L. Rabenhorst, and since then G. Winter. With the exception of the first two volumes the numbers appeared monthly until 1885, when the journal was enlarged and the numbers issued bi-monthly. Includes all orders of cryptogams. Papers on American fungi, which are given here under authors' names, hardly go back farther than 1873.

Henry, Aimé. See NEES VON ESENBECK, T. F. L.

Herald, Voyage of. See SEEMAN, B.

Hesse, R.

359. Mikroscopische unterscheidungsmerkmale der typischen *Lycoperdaceen* genera. *Pringhsheim Jahrb.* X. 383–398. Pl. 28, 29. 1876.

Gives a figure of capillitium of *Mitremyces lutescens*, Schw.

Hine, Frank Brooks. Berlin, Erie Co., O., 24 April, 1853.

360. Observations on several forms of *Saprolegnieae*. *Am. Quart. Micros. Jour.* I. 18–28, 136–146 (1–20). Pl. 4–7. Oct. 1878—Jan. 1879.

Mentions 3 species of *Achlya* and one *Saprolegnia*, two species unnamed, and describes a new species, *Monoblepharis lateralis*.

Hitchcock, Edward. Deerfield, Mass., 24 May, 1793. †Amherst, Mass., 27 Feb. 1864.

361. Physiology of the *Gyropodium coccineum*. *Am. Jour. Sci. Arts*, IX. 56–60. Pl. 3. June, 1825.

Account of the peculiarities of *Mitremyces cinnabarinus*, Schw., with colored figures.

362. —— Catalogue of the plants growing without cultivation in the vicinity of Amherst College. 8°. pp. 64. Amherst. 1829.

A list of all plants found within 40 or 50 miles of Amherst, including, on pp. 58–64, 49 genera and 170 species of fungi, the determinations apparently obtained from Prof. John Torrey, and indirectly from Muhlenberg and Schweinitz. The only copy of this rare work which we have examined was without title-page, and the title here given was taken from the reference in Tuckerman's Catalogue of plants within 30 miles of Amherst. See TUCKERMAN, E.

363. —— Catalogues of the animals and plants of Massachusetts. 8°. pp. 142. Amherst. 1835.

Taken from "Report on the geology, mineralogy, botany, and zoölogy of Massachusetts." Amherst. 1835, pp. 525–652. On pp. 125–129 (645–649) is a list of fungi, alphabetically arranged, same as in last title, with 6 additional species, all but one of which, *Sphaeria Hypoxylon*, are also given in first edition of the Report, Apherst, 1833.

Hoffmann, Hermann.

364. Index Fungorum, sistens icones et specimina sicca nuperis temporibus edita; adjectis synonymis auctore Hermann Hoffmann. Indicis mycologici editio aucta. 8°. pp. vi. 153. Leipsic. 1863.

A general index of figures and exsiccati of fungi, including American species. This work is an enlarged edition of a pamphlet distributed as a supplement to the *Botanische Zeitung* for 1860.

Holway, Edward Willett (Dorland). Adrian, Mich., 13 Feb. 1853. See ELLIS, J. B.

365. Fungi on *Anemone nemorosa*. *Bot. Gaz.* V. 77. July, 1880.

List of 6 species found on this host.

366. —— Sound of discharging ascospores. *Bot. Gaz.* VIII. 160. Jan. 1883.

Note on the sound produced by the discharge of spores in *Pesiza pubida*.

367. —— *Gymnosporium harknessioides*, Ell. and Hol. *Jour. Myc.* II. 52. May, 1886.

This species said to be merely spores of some *Sordaria*, *Chaetomium* or allied fungus.

Howe, Elliot Calvin. Jamaica, Windham Co., Vt., 14 Feb. 1828.

368. New Fungi. *Torr. Bull.* V. 3–4, 42, 43, Jan., Oct. 1874; — VI. 30, 31, April, 1875.

Descriptions of 17 species from New York. The parts of this series are numbered 1, 2, and 4. Part 3 appears never to have been published. Species of part 4 also given in *Hedwigia*, XIV. 188.

369. —— *Agaricus* (*Tricholoma*) *Peckii*, Howe. *Torr. Bull.* VI. 66. Dec. 1875.

Characters of the species.

N. B. The descriptions of *Uncinula Americana* and *U. luculenta* by this author were not formally published, but were printed on sheets of note paper and distributed among botanists of his acquaintance. *Puccinia Peckiana*, by this author, is in Peck's 23d Report, p. 57.

Huse, William W.

370. The diseases of tobacco, or some inquiries into the causes, the appearance, and the preventives of tobacco-mould. 8°. pp. 36. New York. 1857.

Has a few woodcuts of fungi of slight value.

James, Joseph Francis. Cincinnati, 8 Feb. 1857.

371. Catalogue of the flowering plants, ferns, and fungi growing in the vicinity of Cincinnati. *Jour. Soc. Nat. Hist.* Cincinnati, II. 42–68 (1–27). April, 1879.

On pp. 22–27, a list of 319 fungi, taken from Lea's Catalogue. See no. 381.

Johnson, Asa Emery. Bridgwater, Oneida Co., N. Y., 16 March, 1825.

372. The mycological flora of Minnesota. *Bull. Acad. Nat. Sci. Minnesota*, I. 203–302, 325–344. 1877, 1878.

First part has an enumeration of 559 species, with habitats, descriptions of two new *Agarici*, and of most of the genera, preceded by general notes on *Agaricini*. List of all species but one given also in *5th Ann. Rept. Geol. and Nat. Hist. Survey, Minnesota*, pp. 66–87. St. Paul. 1877. The second part has enumeration of 83 species, 13 of them described as new.

373. **Journal of Mycology.** Vol. I.–II. 1885, 1886. To be continued. Monthly. 8°. Manhattan, Kansas. Edited by W. A. Kellerman, J. B. Ellis, and B. M. Everhart.

Treats of North American fungi, except a few notices of lichens. Each volume has an index of genera, species, and host plants. Articles given here under authors' names.

Kalchbrenner, Károly (Charles). 1806. †Wallendorf, Hungary, 5 June, 1886. See RAU, E. A.

374. Phalloidei novi vel minus cogniti. Természettudományok Köréböl. Magyar Tudományas Akad. (*Mem. Hungarian Acad.*) X. 1–23. Pl. 1–3. Budapest. 1880.

In Hungarian, followed by Latin translation. Includes, on pp. 17, 18, a brief list of North American *Phalloidei*. Reprint only seen

375. —— Gasteromycetes novi vel minus cogniti. Természettudományok Köréböl. Magyar Tudományas Akad. (*Mem. Hungarian Acad.*) XIII. 1–10. Pl. 1–5. Budapest. 1883.

Hungarian and Latin. Description of *Phallus togatus*, with colored figure. Pl. 1. See no. 280.

Kellerman, William Ashbrook. Ashville, O., 1 May, 1850. See ELLIS, J. B. See JOURNAL OF MYCOLOGY.

376. A partial list of the Kansas parasitic fungi, together with their host-plants *Bull. Washburn Coll. Lab. Nat. Hist.* I. 72–81, Feb. 1885, and *Trans 16 & 17 Ann. Meetings Kansas Acad. Sci.* IX. 79–86. Topeka. 1885. Read Nov. 1884.

Enumeration of 181 species, and an index of host plants. One species described as new, the other new species described in *Am. Nat.* Nov. 1883, *Torr. Bull.* Oct. 1884, and *Jour. Myc.* Jan. 1885. See notice in *Jour. Myc.* I. 71.

376ª. —— Some parasitic fungi that infest orchards and gardens. *Rept Kansas State Hort. Soc. for* 1884, XIV. 111–115. Topeka. 1885.

A popular account of plum blight, peach curl, grape mildew, and strawberry leaf blight.

Klotzsch, Johann Friedrich. See BERKELEY, M. J. Wittenberg, 9 June, 1805. †Berlin, 5 Nov. 1860.

377. Mycologische berichtigungen zu der nachgelassenen Sowerbyschen sammlung so wie zu den wenigen im Linnéschen Herbarium vorhandenen pilzen, nebst aufstellung einiger ausländischen gattungen und arten. *Linnaea*, VII. 193–204. Pl. 8–10. 1832.

Includes descriptions of *Favolus Canadensis* and *Testicularia Cyperi*, the latter figured.

378. —— Fungi exotici e collectionibus Britannorum. *Linnaea*, VIII. 478–490. Pl. 11, 12. 1833.

Includes enumeration of 34 species from North America, seven described as new, mostly collected by Sir J. Richardson.

Koernicke, Friedrich.

379. Mykologische Beiträge. *Hedwigia*, XV. 178–186, Dec. 1876; — XVI. 1–3, 17–31, 33–40, Jan.—March, 1877.

Includes notes on United States *Uredineae* and *Ustilagineae*, with description of the new genus *Hamaspora*, founded on *Podisoma Ellisii*, Berk.

Kunze, Gustav. Leipsic, 4 Oct. 1793. †Leipsic, 30 April, 1851.

—— *and* **Schmidt**, Johann Carl.

380. Mykologische Hefte, nebst einem allgemeinbotanischen anzeiger. 8°. Vol. I. pp. xvi. 109, and some unnumbered supplementary pages. Pl. 2. Leipsic. 1817. — Vol. II. pp. xii. 176. Pl. 2. Leipsic. 1823.

A collection of short papers by the editors, with three papers by Ehrenberg, Fries, and Nees. Vol. I. 45–62, pl. 2, fig. 22, "Beschreibung der gattung *Solenarium*, Sprengel," by Kunze, gives an account of *S. Muehlenbergii* (*Glonium stellatum*) from Pennsylvania. Other papers do not treat of American fungi, although *Sphaeria sarmentorum* is recorded by Fries on *Menispermum Canadense* on II. p. 52.

Lea, Thomas Gibson. Wilmington, Del., 14 Dec. 1785. †Waynesville, O., 30 Sept. 1844. See Berkeley, M. J.

381. Catalogue of plants, native and naturalized, collected in the vicinity of Cincinnati, O., during the years 1834–1844. 8°. pp. iv. 77. Philadelphia. 1849.

This catalogue was printed under the direction of Isaac Lea, after the death of his brother, whose collections were placed in the hands of W. S. Sullivant for publication, the fungi having been determined by Rev. M. J. Berkeley. On pp. 48–77 is a list of 319 species of fungi, with localities and dates of collection. In foot-notes are given observations on some of the species, and descriptions of 53 new species by Berkeley, some of which were previously described in "Decades of fungi"; see title no. 31. A few figures also given in Berkeley's Introduction; see title no. 38. Original copies are rare, but a reprint of the notes and descriptions of the present list will be found under the title "Descriptions of new species of fungi, collected in the vicinity of Cincinnati," *Jour. Soc. Nat. Hist.* Cincinnati, V. 197–217 (1–21). Dec. 1882. See also title no. 371. Rev. in *Am. Jour. Sci. Arts*, VIII. new ser, 302. 1849.

Leggett, W. H. See Bulletin Torrey Club.

Leidy, Joseph. Philadelphia, 9 Sept. 1823.

382. On the existence of *Entophyta* in healthy animals as a natural condition. *Proc. Acad. Nat. Sci.* Philadelphia, IV. 225–233. 9 Oct. 1849.

Account of vegetable parasites, pp. 225–229, including descriptions of the new genera *Enterobrus*, *Cladophytum* and *Arthromitus*.

383. —— Descriptions of new genera and species of *Entophyta*. *Proc. Acad. Nat. Sci.* Philadelphia, IV. 249, 250. 25 Dec. 1849.

Descriptions of the new genera *Corynocladus* and *Cryptodesma*, and new species of *Enterobrus* and *Cladophytum*.

384. —— *Entophyta* in bodies of animals. *Proc. Acad. Nat. Sci.* Philadelphia, V. 7, 8. 12 Feb. 1850.

Remarks on *Mucor mucedo*, *Achlya prolifera*, and some unnamed species found in insects and cray-fish.

385. —— Entophytes in insects and myriapods. *Proc. Acad. Nat. Sci.* Philadelphia, V. 8, 9. 19 Feb. 1850.

Remarks on species of *Enterobrus*, etc.

386. —— Descriptions of new *Entophyta* growing within animals. *Proc. Acad. Nat. Sci.* Philadelphia, V. 35, 36. 30 April, 1850.

Description of one species of *Arthromitus* and two of a new genus, *Eccrina*.

387. —— Fungus in a dead mole-cricket. *Proc. Acad. Nat. Sci.* Philadelphia, V. 204, 210, 211. 20 May—3 June, 1851.

Notes on an unnamed fungus attacking *Gryllotalpa Americana*, and general remarks on parasitic diseases of insects.

388. —— Fungi in insects. *Proc. Acad. Nat. Sci.* Philadelphia, V. 235. 1 July, 1851.

Notes on a fungus in the abdomen of *Cicada septemdecim*, and one on a lamellicorn larva.

389. —— A flora and fauna within living animals. *Smithsonian Contrib. to Knowledge*, V. 1–67. Pl. 1–10. April, 1853.

A detailed account, pp. 17–40, of forms mentioned in papers whose titles are given above, with plates. Most of the species would be placed at the present day in *Schizomycetes*. Also on pp. 51–53, accounts of other fungi, including that which attacks *Cicada septemdecim*.

390. —— Fungus parasite on a mouse. *Proc. Acad. Nat. Sci.* Philadelphia, pp. 260, 261. 22 April, 1878.

Describes a *Torula* or *Oidium* on a mouse caught in a hospital. Note also by Dr. Le Conte, who attributed a cutaneous eruption on his own person to infection from a similarly diseased mouse.

391. —— On a fungus in a flamingo. *Proc. Acad. Nat. Sci.* Philadelphia, pp. 11, 12. Fig. 1. 19 Jan. 1875.

Finds an *Aspergillus*, which may be *A. nigrescens*, in lungs of a flamingo which was probably killed by the fungus.

392. —— Ant infected with a fungus. *Proc. Acad. Nat. Sci.* Philadelphia, p. 9. 1 Jan. 1884.

Note on an undescribed fungus attacking *Camponotus Pennsylvanicus*.

Lesquereux, Leo. Neuchâtel, 18 Nov. 1805.

393. Les *Rhizomorpha* du nouveau monde. *Rev. Myc.* III. 74. July, 1881.

Note on *R. subcorticalis* and malformed *Agaricini* from mines.

Léveillé, Joseph Henri. Crux-la-Ville, 28 May, 1796. †Paris, 3 Feb. 1870.

394. Champignons exotiques. *Ann. Sci. Nat. Bot.* 3 ser. II. 167–221; III. 38–71. 1844, 1845.

Contains notices of 6 species from North America.

395. —— Descriptions des champignons de l'herbier du Muséum de Paris. *Ann. Sci. Nat. Bot.* 3 ser. V. 111–167, 249–304. 1846.

Notes on 14 species of North America, of which 7 are described as new.

Link, Heinrich Friedrich. Hildesheim, 2 Feb. 1767. †Berlin, 1 Jan. 1851.

396. Caroli a Linné Species Plantarum exhibentes plantas rite cognitas ad genera relatas cum differentiis specificis, nominibus trivialibus, synonymis selectis, locis natalibus secundum systema sexuale digestas. Editio quarta, post Reichardianam quinta adjectis vegetabilibus hucusque cognitis olim curante Carolo Ludovico Willdenow, continuata a H. F. Link. Tomus, VI. Part 1. 8°. pp. xv. 162. Berlin. 1824. — Part 2. pp. vi. 128. Berlin. 1825.

The second part of vol. VI. contains *Gymnomycetes* (*Uredineae*, etc.), including species from Schweinitz, revised by Link.

Linnaeus, Carolus. See Link, H. F. See Sprengel, C.

Macbride, James.

397. Some account of the *Lycoperdon solidum* of the Flora Virginica, the *Lycoperdon cervinum* of Walter. *Trans. Linn. Soc.* XII. 368–371. 1818. Read 3 June, 1817.

General account of tuckahoe.

Macoun, John. Maralin, Co. Down, Ireland, 17 April, 1832.

398. Edible and poisonous fungi. *Trans. Field-Naturalists' Club*, Ottawa, II. 62–67. Read 31 Jan. 1884.

A general address on the subject before the Society, with exhibition of plates.

Macoun, John.

399. List of plants collected on the coasts of Labrador, Hudson's Strait and Bay, by Robert Bell, in 1884. *Report of Progress of Geol. and Nat. Hist. Survey and Museum of Canada for* 1882–1884. Appendix DD. pp. 38–47. Montreal. 1885.

Includes on p. 47 a list of 10 fungi, named by J. B. Ellis.

400. **Manual** of the natural history, geology, and physics of Greenland and the neighboring regions; prepared for the use of the Arctic Expedition of 1875, under the direction of the Arctic Committee of the Royal Society, and edited by Prof. T. Rupert Jones, F.R.S., F.G.S., &c., together with instructions suggested by the Arctic Committee of the Royal Society for the use of the expedition. 8°. London. 1875. pp. 1–86 and 1–782.

The first part of this work contains general directions for collecting and observing. The second part, pp. 1–600, gives a summary of papers on Arctic plants and animals, with lists of species. For references to fungi in this work, see BERKELEY, M. J., BONORDEN, H. F., FUCKEL, L., and SMITH, W. G.

Martin, George. Claymont, Delaware Co., Pa., 29 April, 1827. †West Chester, Pa., 28 Oct. 1886. See ELLIS, J. B.

401. Synopsis of the North American species of *Asterina*, *Dimerosporium*, and *Meliola*. *Jour. Myc.* I. 133–139, 144–148. Nov., Dec. 1885.

Descriptions of 31 *Asterinae*, with host index, 6 *Dimerosporia*, and 7 *Meliolae*.

402. —— The *Phyllostictas* of North America. *Jour. Myc.* II. 13–20, 25–27. Feb., March, 1886.

Descriptions and notes on 70 species, with list of host-plants.

Martin, Lillie J.

403. A botanical study of the mite gall found on the black walnut. *Am. Nat.* XIX. 136–140. Pl. 4–6. Feb. 1885.

The *Erineum anomalum* of Schweinitz shown to be an insect-gall. Abstract given in *Proc. Am. Ass. Adv. Sci.* XXXIII. 507, 508.

Massachusetts, Province Laws of.

404. An Act to prevent damage to English grain arising from Barberry Bushes. Province laws of Massachusetts, 1736–1761, pp. 153, 154. Anno Regini Regis Georgii II., Vicesimo Octavo, Chap. X. Published 13 Jan. 1755.

Text of an act requiring the cutting down of barberry bushes in order to prevent the rust in grain. See *Am. Jour. Sci. Arts*, XXV. 3 ser. 315, 316, April, 1883.

Meehan, Thomas. Potter's Bar, near Barnet, Hertfordshire, England, 21 March, 1826.

405. Note on a fungoid root parasite. *Proc. Acad. Nat. Sci.* Philadelphia, p. 414. 2 Dec. 1873.

States that the Norway spruce suffers from some mycelium which attacks the roots.

406. —— Change of habit through fungoid agency. *Proc. Acad. Nat. Sci.* Philadelphia, p. 146. 22 Sept. 1874.

Notes the change in habit of *Euphorbiae* attacked by an *Aecidium*.

407. —— Influence of nutrition on form. *Proc. Acad. Nat. Sci.* Philadelphia, p. 329. 20 July, 1875.

Notes change in habit of *Portulaca* attacked by a fungus.

408. —— Fungi and fruit diseases: are they cause or concomitant? *Am. Pomol. Soc., Session* 1875, pp. 51–54.

Notes of several diseases caused by fungi. States that he has seen *Roestelia cancellata* on apples.

409. —— Note on *Phallus foetidus*. *Proc. Acad. Nat. Sci.* Philadelphia, pp. 194, 195. 3 Oct. 1876.

Reports this species at Germantown, Pa.

410. —— Formation of crow's-nest branches in the cherry tree. *Proc. Acad. Nat. Sci.* Philadelphia. p. 273. 1 June, 1886.

Notes the occurrence of *Exoascus Wiesneri* on escaped cherry trees, near Germantown, Pa.

Merrill, F. J. H. See BULLETIN TORREY CLUB.

411. **Michelia**, commentarium mycologicae italicae, curante P. A. Saccardo. 8°. Vol. I. pp. 619. June, 1877—Sept. 1879. — Vol. II. pp. 682. 25 April, 1880—1 Dec. 1882. Padua.

Published at irregular intervals. Devoted exclusively to fungi. Two volumes have appeared up to present date. Includes some notices of United States fungi. See SACCARDO, P. A.

Mitchell, Samuel L.

412. Views of the process in nature by which, under particular circumstances, vegetables grow on the bodies of living animals. *Am. Jour. Sci. Arts*, XII. 21–28. June, 1827.

A letter to A. P. De Candolle, containing remarks on fungi which attack insects, with notes on forms known to the writer in the United States, especially that on *Melolontha*.

Montagne, (Jean François) Camille. Vaudoy, France, 15 Feb. 1784. †Paris, 5 Jan. 1866. See BERKELEY, M. J.

413. Troisième centurie de plantes cellulaires exotiques nouvelles. Décades 5–8. *Ann. Sci. Nat. Bot.* 2 ser. XVIII. 241–282. 1842.

Has descriptions of *Polyporus Sullivantii* and *Clavaria albipes* from Ohio.

414. —— Quatrième centurie ditto. Décades 8–10. *Ann. Sci. Nat. Bot.* 2 ser. XX. 352–379. Pl. 15, 16. 1843.

Includes descriptions of 4 new species from the United States.

415. —— Sixième centurie ditto. Décades 8–10. *Ann. Sci. Nat. Bot.* 3 ser. XII. 285–320. 1849.

Has emendation of the genus *Lichenopsis*, Schw., and notes on *Scortas spongiosa* and *Sphaeria lycopodina* from Newfoundland.

416. Huitième centurie ditto. Décades 6–7. *Ann. Sci. Nat. Bot.* 4 ser. VIII. 285–310. 1857. — Décades 9, 10, l. c. XII. 167–192. 1859.

First part has notice of *Graphium Berkeleyi* from the United States. The second, *Sphaeria Desprauxii* from Newfoundland.

417. —— Neuvième centurie ditto. Décades 1, 2. *Ann. Sci. Nat. Bot.* 4 ser. XIV. 167–185. Pl. 10, 11. 1860.

Includes description of *Agaricus Tagetes*, Berk. and Mont., from Ohio.

418. —— Sylloge generum specierumque cryptogamarum quas in variis operibus descriptas iconibusque illustratas, nunc ad diagnosim reductas, nonnullasque novas interjectas, ordine systematico disposuit J. F. Cam. Montagne, M.D. 8°. pp. 498. Paris. 1856.

Besides a summary of species, including American, described by Montagne in various places, there are descriptions of 62 new species and 2 new varieties from the United States, 17 of them ascribed to Berkeley and Montagne. The greater part of the species collected in Ohio by W. S. Sullivant, who sent figures and specimens to Montagne.

Moore, Justin Payson. Augusta, Me., 1841. See HARKNESS, W. H. See PHILLIPS, W.

Morgan, Andrew Price. Centreville, near Dayton, O., 27 Oct. 1836. See CRAGIN, F. W.

419. The study of fungi. *Bot. Gaz.* II. 104, 105. May, 1877.

Urges the study and gives some statistics of United States fungi.

419ª. —— Flora of the Miami Valley, Ohio. 12°. pp. 68. Dayton. 1878.

On pp. 59, 60 is a list of 37 species of fungi. The last 8 pages are entitled supplement for 1878, and include 42 additional species of fungi on pp. 67, 68.

Morgan, Andrew Price.

420. *Agaricus Morgani*, Peck. *Bot. Gaz.* IV. 208, 209. Sept. 1879.

Additional notes on this species.

421. —— A new *Polyporus*. *Bot. Gaz.* VII. 135, 136. Nov. 1882.

Description of *Polyporus reniformis* from Ohio.

422. —— Kentucky fungi. *Bot. Gaz.* VIII. 156, 157. Jan. 1883.

Enumeration of 27 species, all but one, *Hymenomycetes*, with critical notes on several of them.

423. —— The North American *Geasters*. *Am. Nat.* XVIII. 963–970. Oct. 1884.

Descriptions of 16 species, with figures. See also *Jour. Myc.* I. 11–13.

424. —— The mycologic flora of the Miami Valley, O. *Jour. Soc. Nat. Hist.* Cincinnati, VI. 54–81, pl. 2–5, April, 1883; 97–117, July, 1883; 173–199, pl. 8, 9, Oct. 1883; — VII. 5–10, pl. 1, April, 1884; — VIII. 91–111, pl. 1, July, 1885; 168–174, Oct. 1885; — IX. 1–8, April, 1886.

Contains full descriptions of the *Agaricini* and *Polyporei* of the region, with critical notes and colored figures of some species. Twelve species are described as new. The last four pages of reprint of the fourth part of this series do not quite correspond to pages of the original.

Morgan, L. V.

425. Discharging ascospores. *Bot. Gaz.* VIII. 246. June, 1883.

Notes the sound in discharge of spores of *Peziza coccinea*.

Mueller, Karl. See SCHLECHTENDAL, D. F. L.

Muhlenberg, Henry (Gotthilf Heinrich Ernst). 1756. †Lancaster, Pa., 24 June, 1817. See TULLY, W.

426. Index Florae Lancastriensis. *Trans. Am. Phil. Soc.* Philadelphia, III. 157–184. 1793.

Includes an enumeration of 8 genera and 25 species of fungi on p. 184.

427. —— Supplementum Indicis Florae Lancastriensis. *Trans. Am. Phil. Soc.* Philadelphia, IV. 235–242. 1799.

Includes an enumeration of 109 fungi, in the determination of which the author apparently followed to a great extent the works of Batsch and Schaeffer.

428. —— Catalogus Plantarum Americae Septentrionalis, huc usque cognitarum indigenarum et cicurum; or a catalogue of the hitherto known native and naturalized plants of North America, arranged according to the sexual system of Linnaeus. 8°. pp. 112. Lancaster, Pa. 1813. 2d edition, 1818.

A bare list, pp. 103–106, of 201 fungi, belonging to 52 genera, arranged according to Persoon's Synopsis. Authorities not quoted. The 2d edition has 1 *Xyloma*, 8 *Tremellae*, and 23 *Clavariae* in addition to the above. The preface of 1st edition states that the Catalogue was written in 1809, printing begun in Nov. 1812, and finished in July, 1813, and that nearly all the cryptogams were collected in Pennsylvania. In the preparation of the 2d edition the author was apparently aided by Schweinitz. For brief references to fungi collected by Muhlenberg, see FRIES, E., KUNZE, G., and SPRENGEL, C. See no. 618.

Murray, Dennis. See SPRAGUE, C. J.

Naturalist. See AMERICAN.

Nees von Esenbeck, Christian Gottfried. Reichenberg, near Erbach, 14 Feb. 1776. †Breslau, 16 March, 1858.

429. Das system der pilze und schwämme. Ein versuch 4°. pp. 334. Pl. 44. Fig. 366. Würzburg. 1816.

Includes figures taken from Bosc's Mémoire. Copies of this work usually have 334 pages, the index being paged incorrectly, and the date of issue being 1816 and 1817 on different title-pages. Some copies have additional pages, numbered 1–86, containing descriptions of the figures. The title states that there are 46 plates, but there are only 44 plates, with 366 figures, besides an illuminated title-page and a few charts. Not to be confounded with next title.

Nees von Esenbeck, Theodor Friedrich Ludwig. Reichenberg, 29 July, 1787. †Hyères, 12 Dec. 1837.

And **Henry,** A., *and* **Bail,** Th.

430. Das system der pilze. Durch beschreibungen und abbildungen erläutert. 8°. Part 1. pp. vi. 74. Pl. 1–12. Bonn. 1837. — Part 2. pp. iv. 110. Pl. 13–38. Bonn. 1838.

Descriptions of genera of fungi, with illustrations taken from various sources, including Bosc's Mémoire and Schweinitz's Syn. Fung. Car. The first part by Nees and Henry; the second by Nees, Henry, and Bail.

Nuttall, Thomas. Settle, Yorkshire, England, 1786. †Preston, Lancashire, England, 10 Sept. 1859.

431. Collections towards a flora of the Territory of Arkansas. *Trans. Am. Phil. Soc.* Philadelphia, V. new ser. 139–203. 1837. Read 4 April, 1834.

Has on p. 139 names of 3 species of *Fuligo* and 3 species of *Trichia* from Arkansas.

Olney, Stephen Thayer. Burrillville, R. I., 15 Feb. 1812. †Providence, 27 July, 1878.

432. Rhode Island plants, or additions and emendations to the catalogue of plants published by the Providence Franklin Society in March, 1845. *Proc. Franklin Soc.* Providence, I. 1–24. April, 1846.

Mentions *Rhizomorpha fragilis*, var. *compressa*, on p. 24.

Palmer, Julius Auboineau. Boston, 1 March, 1840.

433. Toadstool-eating. *Pop. Sci. Month.* XI. 93–100. May, 1877.

Popular article without botanical interest.

433ª. —— Empoisonnement par les champignons. *Moniteur Scientifique*, IX. 3 ser. 99–102. Feb. 1879.

General account of the action of poisonous fungi, especially *Amanitae*.

For papers by this author on the toxicological action of fungi, see the following: "Poisonous Mushrooms," *Medical and Surgical Journal*, Boston, 6 Nov. 1879, and 20 Sept. 1883; "Toadstool poisoning," l. c. 28 Aug. 1879; "Mushroom or Toadstool Poisoning," *Medical and Surgical Reporter*, Philadelphia, 20 Sept. 1879; also article on "Mushrooms and Toadstools" in the *Annual Cyclopaedia*, D. Appleton & Co., New York. 1886.

434. —— Mushrooms of America, edible and poisonous. Boston. 1885.

A series of charts, issued also in smaller form, of which there have already appeared twelve colored plates, representing 29 species, with 4 pages of general directions. With each plate is a short description of the species and directions for cooking. Rev. in *Jour. Myc.* I. 107, and *Science*, VI. 277.

Pammel, Louis Herman. La Crosse, Wis., 19 April, 1862.

434ª. Apple scab and leaf blight. *Prairie Farmer.* 14 Nov. 1885.

434ᵇ. —— Smut on Timothy-grass. *Prairie Farmer.* 31 July, 1886.

Summary of paper by Trelease, no. 609, with figures.

Parker, E. H.

435. Fungus-eating. *Proc. Soc. Nat. Sci.* Poughkeepsie, I. 70–84. 1 Nov. 1875.

General notes on the subject, followed by a list of 47 edible species found near Poughkeepsie.

Parker, George Howard. Philadelphia, 23 Dec. 1864.

436. On the morphology of *Ravenelia glandulaeformis*. *Proc. Am. Acad. Arts and Sci.* Boston, XXII. 205–219. Pl. 1, 2. Sept. 1886.

Account of the formation of the spores in this species, with notes on the spores of several other species of the genus, including notice of *R. Indica* on *Acacia* from Mexico.

Parry, Charles Christopher. Gloucestershire, England, 28 August, 1823.

437. Botanical Observations in Western Wyoming, with notices of rare plants and descriptions of new species collected on the route of the Northwestern Wyoming Expedition under Capt. W. A. Jones. 8°. pp. 25. Salem, Mass. 1874. Extr. *Am. Nat.* VIII. 9–14, 102–108, 175–180, 211–215. 1874.

Has on the last page descriptions of *Aecidium Psoraleae* and *Aec. Parryi*, by C. H. Peck.

Peck, Charles Horton. Sandlake, Rensselaer Co., N. Y., 30 March, 1833. See Cooke, M. C. See Cragin, F. W. See Day, D. F. See Hayden, F. V. See Parry, C. C. See Porter, T. C. See Tuckerman, E.

N. B. The reports of the botanist here given form parts of general reports made to the Regents by the Curator of the State Museum. The report for each year is transmitted to the Legislature and afterwards published. The reports of the botanist include plants of all orders, although the greater portion relates to fungi. With exceptions noted below, the reports are all arranged on the following plan: An introduction, giving statistics of species mentioned, followed by general remarks not quoted here, except in cases where fungi are specially noted; a list of species of which specimens have been mounted, not quoted here; a list of plants collected, pages where fungi are named given here; a list of specimens obtained by contribution and exchange, not given here; a list of species growing spontaneously in the State, and not previously reported, with localities, habitats, and descriptions of new species, fungi given here; new stations of rare plants, remarkable varieties and observations, not given here, except in a few cases of special interest; followed in some reports by special reports, synopses of difficult genera, etc., given here. The separate copies of the reports distributed by the botanist have the original paging.

438. —— Twenty-second annual report of the Regents of the University of the State of New York, on the condition of the State Cabinet of Natural History and the historical and antiquarian collection annexed thereto. Albany. 1869. D. Report of the Botanist. pp. 25–106.

Fungi collected, pp. 39, 40; not before reported, pp. 76–101; 173 species; and list of 33 edible fungi, p. 51. This report for 1868 was issued in 1869.

439. —— Twenty-third Report ditto for 1869, issued 1872. pp. 27–135. Pl. 1–6.

Fungi collected, pp. 39–42; fungi on summit of Mt. Marcy, 2 species, p. 44; list of 15 edible fungi, p. 49; not before reported, pp. 52–65; 67 new species. Synopsis of New York *Agaricini*, pp. 66–127. Synopsis of New York *Boleti*, pp. 127–133. Descriptions of new *Agarici* of this report repeated in *Grevillea*, I. 2–4, 17–19; and *Hedwigia*, XI. 148–151. List of edible fungi given in *Grevillea*, I. 15.

440. —— Twenty-fourth Report ditto for 1870, issued 1872. pp. 41–108. Pl. 1–4.

Fungi collected, pp. 49–52; edible fungi, 12 species, p. 52; not before reported, pp. 59–100; 90 new species, 2 new genera. Key to New York *Clavariae* and *Aecidia*, pp. 104–107. Host-list of *Aecidia*, p. 108.

441. —— Twenty-fifth Report ditto for 1871, issued Sept. 1873. pp. 57–123. Pl. 1, 2.

Fungi collected, pp. 63–65; not before reported, pp. 72–106; 93 new species, one new genus. Synopsis of New York *Pucciniae*, pp. 110–123; spores figured on pl. 2.

442. —— Twenty-sixth Report ditto for 1872, issued April, 1874. pp. 35–91.

Fungi collected, pp. 43–45; not before reported, pp. 49–87; 111 new species which had appeared previously in "Descriptions of new species of fungi" in *Bull. Soc. Nat. Sci.* Buffalo, I. 41–72. See no. 458.

443. —— Twenty-seventh Report ditto for 1873, issued 1875. pp. 73–116. Pl. 1, 2.

Introduction has notes on the edible qualities of *Agaricus naucinus* and *Coprinus micaceus*, on diseases of spruces, *Peridermium decolorans*, *Uredo luminata*, and directions for collecting fungi. Fungi collected, pp. 83–85; not before reported, pp. 92–111; 45 new species; key to New York *Ustilagines*, p. 115.

444. —— Twenty-eighth Report ditto for 1874, issued 1876. pp. 31–88. Pl. 1, 2.

Fungi collected, pp. 40–42; not before reported, pp. 48–82; 83 new species, 1 new genus.

445. —— Twenty-ninth Report ditto for 1875, issued 1878. pp. 29–82. Pl. 1, 2.

Fungi collected, pp. 34, 35; not before reported, pp. 38–63, 78 new species. Also, pp. 63–65, descriptions of 12 species previously reported without descriptions; pp. 66–71 notes on 19 other species, one described as new; and pp. 71–82, list of parasitic fungi of New York and their hosts, including *Uredineae*, *Coniomycetes*, *Perisporiaceae*, etc. Rev. in *Bot. Gaz.* IV. 125, 126, under title "Fungoid friends and foes"; and *Rev. Myc.* I. 92, 93.

446. —— Thirtieth Report ditto for 1876, issued Sept. 1878. pp. 23–78. Pl. 1, 2.

Fungi collected, pp. 28, 29; not before reported, pp. 37–67, 82 new species; remarks and observations, pp. 70–77, including synonymy of species of *Lensites* and supplement to list of parasitic fungi in 29th Report. See *Rev. Myc.* I. 92–93.

447. —— Thirty-first Report ditto for 1877, issued 1879. pp. 19–60.

Introduction has notes on a fungus attacking *Cicada septendecim*, *Sphaeropsis Malorum* on apples, and several fungi on *Abies balsamea*. Fungi collected, pp. 26, 27; not before reported, pp. 31–51; 66 new species, new genera *Milleria* and *Massospora;* observations on fungi, pp. 54–60 including list of New York *Myxomycetes*, arranged according to Rostafinski, and keys to *Helvellae* and *Xylariae* of New York. Rev. in *Torr. Bull.* VI. 363, and *Rev. Myc.* II. 48, 49.

448. —— Thirty-second Report ditto for 1878.

This report was transmitted to the Legislature, but was never published except as a public document. A small number of copies, however, were printed in 1886, but without the plates which accompanied the report. The copies, which are very rare, have pp. 17–72, with descriptions of 80 new species, 23 *Agaricini*, 16 *Discomycetes*, 9 *Pyrenomycetes*, and 32 others, keys to New York species of *Paxilli*, *Craterelli*, and the *Dapetes* tribe of *Lactarii* (see 38th Report), and an account of New York species of *Lycoperdon*, and a description of a new genus, *Glomerularia*. Most of these have since been published in other places.

449. —— Thirty-third Report ditto for 1879, issued Oct. 1883. pp. 11–49. Pl. 1, 2.

Fungi collected, pp. 14, 15; not before reported, pp. 18–34; 70 new species, one new genus; synopsis of New York *Amanitae*, pp. 38–49. Rev. in *Rev. Myc.* VI, 58, 59.

450. —— Thirty-fourth Report ditto for 1880, issued Oct. 1883. pp. 24–58. Pl. 1–4.

Introduction has a popular account of fungi on maize, *Ramularia Fragariae*, *Mucor inaequalis*, *Fusicladium dendriticum*, *Oidium fructigenum*, *Sphaeropsis Malorum*, etc. Fungi collected, pp. 39, 40; not before reported, pp. 42–53; 39 new species, critical notes on fungi, pp. 57, 58. Rev. in *Rev. Myc.* VI. 59.

451. —— Thirty-fifth Report ditto for 1881, issued 1885. pp. 125–164.

Fungi collected, p. 129; not before reported, pp. 131–145; 41 new species, 2 by C. C. Frost, one new genus; synopsis of New York *Lepiotae*, pp. 150–164. Rev. in *Rev. Myc.* VII. 254.

452. —— Thirty-sixth Report ditto for 1882, issued 1885. pp. 29–49.

Synopsis of New York *Psalliotae*, 41–49. See *Rev. Myc.* VII. 254.

453. —— Thirty-seventh Report ditto for 1883.

This report was transmitted to the Legislature, but never published. pp. 63–68 were struck off, but the body of the report is nowhere in print. According to the table of contents, p. 65, the report contained a monograph of New York *Paxilli*, *Cantharelli*, and *Craterelli*, and an arrangement of New York *Pyrenomycetes* on Saccardo's system.

454. —— Thirty-eighth Report ditto for 1884, issued 1885. pp. 77–138. Pl. 1–3.

Fungi not before reported, pp. 83–106; 62 new species, one new genus; synopsis of New York *Lactarii*, pp. 111–133; synopsis New York *Plutei*, pp. 133–138. Rev. in *Rev. Myc.* VIII. 120.

455. —— Fungi. *Trans. Albany Inst.* VI. 209–226. 1870. Read 15 Feb. 1870.

General notice of fungi, their uses and the harm done by them, with an account of some American works on fungi and brief notes on the black knot.

Peck, Charles Horton.

456. Report of the second class in the second department. Botany. *Trans. Albany Inst.* VII. 35–43, 186–204. 1872. Read 17 Jan. 1871, and 6 Feb. 1872. — VIII. 152–166. 1876. Read 18 March, 1873.

Notices of recent works on botany. Second part has also an account of *Arceuthobium pusillum* and an extended account of the black knot, *Sphaeria morbosa*. See *Jour. Quekett Micros. Club*, III. 82. Third part has also notes on *Exobasidium* and other fungi from New York.

457. —— Synopsis of New York *Uncinulae*. *Trans. Albany Inst.* VII. 213–217 (1–7), with plate. 1872. Read 20 Feb. 1872.

Descriptions of 7 species, 5 new, one by Gerard, with a note on 2 species of E. C. Howe. Rev. in *Grev.* I. 62.

458. —— Descriptions of new species of fungi. *Bull. Soc. Nat. Sci.* Buffalo, I. 41–72. July, 1873.

Characters of 96 *Hymenomycetes*, 11 *Gasteromycetes* and *Myxomycetes*, 18 *Coniomycetes*, 6 *Hyphomycetes*, and 11 *Ascomycetes*. Also in 26th Report. See above.

459. —— Fern Fungus. *Torr. Bull.* IV. 41. Sept. 1873.

Note on *Dothidea Pteridis*.

460. —— Two new fungi from New Jersey. *Torr. Bull.* V. 2, 3. Jan. 1874.

Description of *Protomyces Martindalei* and *Roestelia transformans*.

461. —— New fungi from New Jersey. *Torr. Bull.* VI. 13, 14. Feb. 1875.

Description of 4 species collected by J. B. Ellis.

462. —— The Black Spruce. *Trans. Albany Inst.* VIII. 283–301. 1876. Read 4 May, 1875.

Includes observations on *Peridermium decolorans* on *Abies nigra*.

463. —— Two new fungi. *Torr. Bull.* VI. 77. Feb. 1876.

Description of *Lycoperdon Warnei*, Illinois, and *Septoria Besseyi*, Iowa.

464. —— A new fungus from Pennsylvania. *Torr. Bull.* VI. 135, 136. Feb. 1877.

Description of *Pestalozzia Stevensonii*.

465. —— Colorado Fungi. *Bot. Gaz.* III. 34, 35. April, 1878.

Descriptions of 11 species collected by T. S. Brandegee.

466. —— United States species of *Lycoperdon*. *Trans. Albany Inst.* IX. 285–318 (1–34). 1879. Read 4 Feb. 1879.

Full descriptions of 23 species. Rev. in *Torr Bull.* VI. 307; *Bot. Gaz.* IV. 175; *Rev. Myc.* I. 133.

467. —— New species of fungi. *Bot. Gaz.* IV. 126–128, 137–139, 169–171, 216–219, 230, 231. Feb., March, June, Oct., Nov. 1879. — V. 33–36. March, 1880. — VI. 226–228, 239–241, 274–277. June, July, Oct. 1881. — VII. 43–45, 54–57. April, May, 1882.

Descriptions of 105 species of different orders from various parts of the country, especially the Western States and Territories. See same title below.

468. —— Plants of the summit of Mt. Marcy. *Adirondack Survey.* Verplanck Colvin, Supt. *7th Report.* Albany. 1880. *Botany*, pp. 401–412.

List of 7 fungi on p. 405.

469. —— *Polyporus volvatus*, Pk., and its varieties. *Torr. Bull.* VII. 102–105. Fig. 3. Oct. 1880.

Gives characters of the typical form and 3 varieties.

470. —— Two new species of fungi. *Torr. Bull.* VIII. 49–51. Pl. 7. May, 1881.

Description and figures of *Ascomycetella quercina*, and description of *Polyporus lactifluus*. See notice in *Rev. Myc.* IV. 65, 66, with copies of figures on pl. 25.

471. —— Fungi in wrong genera. *Torr. Bull.* IX. 1–4. Pl. 9. Jan. 1882.

Describes the genus *Physalacria*, founded on *Mitrula inflata*, Schw., and *Secotium Warnei*.

472. —— New species of fungi. *Torr. Bull.* IX. 61, 62. Pl. 24. May, 1882. — X. 73–75. Pl. 35. July, 1883. — XI. 26–28, 49, 50. March, May, 1884. — XII. 33–36. Pl. 49. April, 1885.

First part describes and figures the genera *Physarella* and *Calicinopsis*. Part 2 gives 11 species, with plate of *Boletus Morgani*. Part 3 has 9 species, with new genus, *Myriadoporus*. Part 4, 9 species, principally *Uredineae* from Utah, Washington Terr. and Ohio. Part 5, principally *Uredineae*; 11 species from Arizona and New Mexico.

473. —— An imperfectly described *Phalloid*. *Torr. Bull.* IX. 123, 124. Pl. 25. Oct. 1882.

Notes on the structure of *Phallus Ravenelii*, B. and C.

474. —— A new Fern Rust. *Torr. Bull.* X. 62. June, 1883.

Description of *Caeoma Cheilanthis* from Arizona.

475. —— A new genus of *Sphaeriaceous* Fungi. *Torr. Bull.* X. 127, 128. Dec. 1883.

Describes the genus *Neopeckia* of Saccardo, and gives details of *N. Coulteri*.

476. —— Edible Puff-balls. *Country Gentleman.* 1885. p. 901. Albany.

Notes on the edible properties of puff-balls, especially *Lycoperdon giganteum*, *L. cyathiforme*, and *L. caelatum*.

477. —— The smooth *Agaric* (*Ag. naucinoides*, Pk.). *Country Gentleman.* 1886. p. 833. Albany.

Account of edible properties of *Ag. naucinoides*, and comparison of that species with *Ag. phalloides*, with figures of both.

N. B. Besides the above, there is a considerable number of notes on fungi by this author in the *Country Gentleman*, mostly answers to correspondents about species sent for determination.

Penhallow, David Pearce. Kittery Point, Me., 25 May, 1854.

478. Yellows in peach trees. *Trans. Mass. Hort. Soc.* 1882, 124–130. Fig. 6. Boston. 1882.

Includes on pp. 129, 130, notes on fungi found in diseased trees, *Bispora monilioides*, *Pleospora herbarum*, *Macrosporium sarcinula*, and *Ascomyces deformans*.

479. —— Peach yellows. *Rept. Houghton Farm Experiment Station*, 3 ser. no. 2, pp. 25–42, Pl. 4, 1882. New York (1883).

An account of the disease, including some notes on fungi, pp. 34–35, none of which is considered by the author to be the true cause of the disease. The subject is continued in an appendix, l. c. ser. 3, no. 3, pp. 53–64, 1883, which, however, does not include notes on fungi.

480. —— Diseases of plants. *Pop. Sci. Month.* XXV. 385–396. July, 1884.

Refers incidentally to the action of fungi in disease.

481. —— Plants in their relation to disease. *Rept. Kansas State Hort. Soc. for* 1884, XIV. 125–133. Topeka. 1885. Also in *Trans. Am. Hort. Soc.* III. 167.

Subject treated mainly from a chemical standpoint, without reference to special fungi.

N. B. The following papers by this author do not include specific notices of fungi, but relate to histological and physiological matters: "Notes on some of the structural and physiological peculiarities incident to the diseases of fruits." *Proc. Am. Ass. Adv. Sci.* XXXI. 519–521. "Peach yellows." *Country Gentleman*, XLVIII. 700. 20 August, 1883.

Persoon, Christian Hendrik. Capetown, 1755. †Paris, 17 Feb. 1837. See DESVAUX, N. A.

482. Mémoire sur les Vesse-loups ou *Lycoperdon. Desvaux's Journal de Botanique*, II. 1–31. Pl. 1, 2. Paris. 1809.

Scleroderma calostoma (*Mitremyces cinnabarinus*) described and figured.

Persoon, Christian Hendrik.

483. Observations de M. Persoon et création du nouveau genre *Gyrocephalus*. *Mém. Soc. Linn.* Paris, III. 75–78. 1825.

The *Tremella stipitata* of Bosc referred to *G. Carolinensis*, P.

The "Synopsis methodica fungorum" of this author forms the basis of classification of the earlier American catalogues of fungi, as those of Muhlenberg and Torrey, but the work itself has no special American references.

Phillips, William. Presteign, Radnorshire, Wales, 4 May, 1822.

484. *Discomycetes* from California. *Grev.* V. 35, 36. Sept. 1876.

Names and habitats of 22 species collected by H. W. Harkness.

485. —— Fungi of California and the Sierra Nevada Mountains. *Grev.* V. 113–118. Pl. 87–89. March, 1877.

Notices of 66 species collected by H. W. Harkness and J. P. Moore, 14 described as new. See *Rev. Myc.* I. 29.

486. —— Fungi of California. *Grev.* VII. 20–23. Sept. 1878.

Notices of 50 species collected by H. W. Harkness and J. P. Moore, 10 *Discomycetes* described as new.

487. —— On a new species of *Helvella*. *Trans. Linn. Soc.* I. 2 ser. 423. Pl. 48. 1880. Read 5 June, 1879.

Description and plate of *Helvella Californica*. Reprint not paged. See also *Jour. Bot.* 2 ser. VIII. 287.

488. —— A revision of the genus *Vibrissea*. *Trans. Linn. Soc.* II. 2 ser. 1–10. Pl. 1, 2. Read 20 Jan. 1881. Issued Dec. 1881.

Includes descriptions of 3 American species, 1 new, *V. turbinata*, with 2 figures. Species given in *Hedwigia*, XXII. 23.

—— *and* **Harkness,** H. W.

489. Fungi of California. *Bull. Cal. Acad. Sci.* I. 21–25 (1–5). Feb. 1884.

Descriptions of 20 new species and 1 new variety of *Discomycetes* collected in 1882.

490. —— —— *Discomycetes* of California. *Grev.* XIII. 22, 23. Sept. 1884.

Descriptions of 10 new species from California, and *Phacidium nigrum*, Cooke, from Georgia.

Phippen, George Dean. Salem, Mass., 13 April, 1815.

491. Report on the onion disease. *Proc. Essex Inst.* Salem, Mass. II. 211–215. 1862. Read 10 July, 1857.

Includes notes on a disease apparently caused by *Urocystis Cepulae*.

Pirotta, Romualdo. Pavia, 7 Feb. 1853.

492. I funghi parassiti dei vitigni. 8°. pp. 96. Pl. 4. Milan. 1877. Extr. *Arch. Trienn. Lab. Bot. Critt. Pavia*, II. 129–225. Pl. 10–13. Milan. 1879.

An account, with full descriptions, of all fungi which attack species of *Vitis*, including 37 species of the United States. Rev. in *Gresillea*, VI. 147–150. See no. 133.

Planchon, J. E.

492ª. Les vignes Américaines, leur culture, leur résistance au Phylloxera et leur avenir en Europe. 8°. pp. 240. Montpellier and Paris. 1875.

Has on p. 20 brief reference to *Peronospora viticola*; on p. 24 to *Erysiphe mors-uvae* and *E. necatrix*; and on p. 54 a notice of grape-rot.

Plowright, Charles Bagge. King's Lynn, England, 3 April, 1849.

493. Some remarks upon *Sphaeria* (*Gibbera*) *morbosa*, Schw. *Month. Micros. Jour.* XIII. 209, 210. London. May, 1875.

Notes on the conidia and ascospores of this species, with review of papers on the black knot by C. H. Peck and Thomas Taylor.

494. —— Californian Fungi. *Grev.* V. 74. Dec. 1876.

Notices of 24 species collected by H. W. Harkness, two described as new.

495. —— Californian *Sphaeriae*. *Grev.* VII. 71–74. Dec. 1878.

Notices of 39 species of *Pyrenomycetes* collected by H. W. Harkness and J. P. Moore, 10 described as new. For emendations of this paper, see *Grev.* VIII. 73.

—— *and* **Harkness,** H. W.

496. New species of Californian fungi. *Bull. Cal. Acad. Sci.* I. 26 (6). Feb. 1884.

Description of 2 new *Nectriae*.

Plukenet, Leonard. 1642. †London. 1706.

497. Phytographia sive stirpium illustriorum et minus cognitarum icones, tabulis aeneis summâ diligentiâ elaboratae; quarum unaquaeque titulis descriptorlis ex notis suis propriis et characteristicis desumptis insignita; ab aliis ejusdem sortis facile discriminatur. 4°. London. Part 1, preface, pl. 1–72, 1691. Part 2, pl. 73–113; appendix, pl. 114–117; appendix altera, pl. 118–120, 1691. Part 3, pl. 121–239; appendix, pl. 240–250, 1692. Part 4, pl. 251–328, 1696.

A collection of uncolored figures, with brief Latin descriptions at the foot of each plate. See next title.

498. —— Almagestum botanicum sive Phytographiae Plukenetianae onomasticon methodo syntheticâ digestum, exhibens stirpium exoticarum, rariorum, novarumque nomina, quae descriptionis locum supplere possunt. 4°. pp. 402. London. 1696.

Descriptions of plants, including those figured in the *Phytographia*, alphabetically arranged. In the *Phytographia*, pl. 116, fig. 7, and pl. 184, figs. 4–10, represent fungi from Virginia, and the descriptions are also given in the *Almagestum*, pp. 162–164. Pl. 116, fig. 7, is evidently a *Pilobolus*. Pl. 184, fig. 4, may be a *Calocera*. Fig. 5 is apparently *Mitremyces*; fig. 6, perhaps *Cynophallus caninus*; fig. 7 is unrecognizable; fig. 8, apparently *Lycoperdon cyathiforme*; fig. 9 is a *Cyathus*, and fig. 10 probably *Hericium Hystrix*.

Porcher, Francis Peyre. St. John's, Berkley, S. C., 14 Dec. 1825.

499. On the medicinal and toxicological properties of the cryptogamic plants of the United States. *Trans. Am. Med. Ass.* VII. 167–284. 8°. 1854.

Contains on pp. 211–284 a general account of the properties of fungi, followed by a list of species, with their properties, compiled from various sources.

500. —— The medicinal, poisonous, and dietetic properties of the cryptogamic plants of the United States. 8°. pp. 126. New York. 1854.

Reprint of last paper, with index.

501. —— Resources of the Southern fields and forests, medical, economical, and agricultural. Being also a medical botany of the Confederate States; with practical information on the useful properties of the trees, plants, and shrubs. 8°. pp. 601. Charleston, 1863.

An account of the edible mushroom and its culture, and notes on tuckahoe given on pp. 594–599.

502. —— A reference handbook of the medical sciences, embracing the entire range of scientific and practical medicine and allied science. 4°. New York. Wm. Wood & Co.

In the 3d volume of this work, 1886, is an article, by F. P. Porcher, on "Fungi edible and poisonous," pp. 264–284, figs. 1355–1376, pl. 12, 13. A general treatise on edible and poisonous species, with illustrations taken from different sources, especially Payer and Valmy, followed by a descriptive list of species found in the United States, including a letter from H. W. Ravenel, 266–267, and numerous extracts from an unpublished paper of M. A. Curtis on edible fungi. Plate 12 has 15 colored figures of edible species, by C. I. Curtis, not previously published; and pl. 13, 6 figures of poisonous species taken from Cordier and J. A. Palmer. At the end of the article is a list of edible or useful species taken from Curtis's Catalogue Plants North Carolina, q. v.

Porter, Thomas Conrad. Alexandria, Huntingdon Co., Penn., 22 Jan. 1822.

—— *and* **Coulter,** J. M.

503. Synopsis of the flora of Colorado. *Misc. Publ.* no. 4, *Dept. Interior, U. S. Geol.* and *Geog. Survey of the Territories.* F. V. Hayden, U. S. Geologist, in charge. 8°. pp. 180. Washington, 1874.

On pp. 163, 164, is an account of 8 fungi by C. H. Peck, two of them described as new.

Prentiss, Albert Nelson. Cazenovia, N. Y., 22 May, 1836.

503ª. Puff-balls and their kindred. *Cornell Era,* IV. 179–181. 8 Dec. 1871.

A popular account of fungi, with description of a large specimen of *Lycoperdon giganteum.*

503ᵇ. —— Destruction of obnoxious insects by means of fungoid growths. *Am. Nat.* XIV. 575–581, 630–635. Aug., Sept. 1880.

Report on a number of experiments with regard to the action of yeast in destroying insects, from which the author concludes that yeast has very little value as a means for destroying insects. Substance of this paper also given in *Am. Entomol. and Bot.* III. 269.

Prillieux, Edouard Ernest. Paris, 11 Jan. 1829.

504. Quelques mots sur le rot des vignes Américaines et l'anthracnose des vignes françaises. *Bull. Soc. Bot. France,* XXVII. 34–38. 13 Feb. 1880.

Includes notes on *Phoma uvicola,* considered by the author to be distinct from the fungus of anthracnose. The paper is followed by remarks of Dr. M. Cornu, whose views are different from those of the author.

505. —— Cause du rot des raisins en Amérique. *Comptes rendus,* XCV. 605. 2 Oct. 1882.

Notes on *Peronospora viticola* in America, and on the trouble caused by a species of *Phoma.*

Provancher, L. (Abbé). See Thuemen, F. von.

Rabenhorst, (Gottlieb) Ludwig. Treuenbrietzen, 22 March, 1806. †Meissen, 24 April, 1881. See Hedwigia. See Exsiccati in supplement. See Winter, G.

Rafinesque-Schmaltz, Constantin Samuel Galata, near Constantinople, 22 Oct. 1783. †Philadelphia, 1840. See Gerard, W. R.

506. Précis des découvertes et travaux somiologiques de Mr. C. S. Rafinesque-Schmaltz entre 1800 et 1814, ou choix raisonné de ses principales découvertes en zoologie et en botanique pour servir d'introduction à ses ouvrages futurs. 12°. pp. 65. Palermo. 1814.

On pp. 49–52 are descriptions of 18 species of fungi and five new genera from the United States, principally Delaware and New Jersey.

507. —— Florula Ludoviciana; or, a flora of the State of Louisiana. Translated, revised, and improved from the French of C. C. Robin, by C. S. Rafinesque. 8°. pp. 178. New York. 1817.

On p. 12 is a notice of 7 fungi taken ostensibly from work of C. C. Robin, see no. 532, one of them called a new species, *Morchella odorata.*

508. —— Prodrome des nouveaux genres de plantes observés en 1817 et 1818 dans l'intérieur des Etats-Unis d'Amérique. Isis, 1820, part 1, 236–244.

Has on p. 243 descriptions of three new genera of fungi, *Rimella, Endoconia,* and *Gemmularia,* from the United States.

509. —— Medical Flora, or manual of the medical botany of the United States of North America, containing a selection of above 100 figures and descriptions of medical plants, with their names, qualities, properties, history, etc., and notes or remarks on nearly 500 equivalent substitutes. 8°. Philadelphia. Vol. I. pp. 268 pl. 52. 1828. — Vol. II. pp. 276, pl. 48. 1830.

In volume II. references to *Agaricus, Amanita, Boletus,* etc., of no value.

Ran, Eugene Abraham. Bethlehem, Pa., 22 July, 1848.

510. A new *Phallus. Bot. Gaz.* VIII. 223, 224. Pl. 4. May, 1883.

Account of a species found at Bethlehem, Pa., with a description in Latin of *Phallus togatus* by Kalchbrenner. See nos. 280 and 375.

Ravaz, L. See Viala, P.

Ravenel, Henry William. St. John's Parish, Berkley Co., S. C., 19 May, 1814. See Berkeley, M. J. See Cooke, M. C. See Porcher, F. P. See Thuemen von F. See Exsiccati in supplement.

511. —— Contributions to the cryptogamic botany of South Carolina. *Med. Jour. and Rev.* Charleston, IV. 428–433. July, 1849. — V. 324–327. May, 1850. — VI. 190–199. March, 1851.

Part 1 has mosses and hepatics, part 2 lichens, and part 3 fungi. A list of 169 *Hymenomycetes,* with habitats and notes in some cases on edible qualities. In a foot-note is an account of the fairy rings of *Agaricus Achimenes,* B. and C.

512. —— Report on the fungi of Texas. *Rept. Commissioner Agr. on diseases of Cattle in United States.* 4°. pp. 171–174. Washington. 1871.

General account of fungi collected in Texas, with statistics of fungi of that region.

513. —— A list of the more common native and naturalized plants of South Carolina. In *South Carolina. Resources and Population, Institutions and Industries.* Published by the State Board of Agriculture of South Carolina. 8°. pp. 312–359. Charleston. 1883.

On pp. 353–356 is a list of 35 species of fungi, of which the popular and scientific names are given, but no descriptions.

N. B. A paper on "Edible Mushrooms of this country" was read by this author before the Aiken Vine-Growing and Hort. Ass. about the year 1862–3, and was printed in the newspapers of Charleston. The paper gave a popular account of the mode of identifying common edible mushrooms, *Agaricus campestris, A. amygdalinus,* and some others.

Ray, John. Black Notley, Eng., 29 Nov. 1628. †17 Jan. 1705.

513ª. Historia Plantarum, etc. f°. Vol. I.–III. London. 1686–1704.

Title here given in an abbreviated form. The only references to United States fungi in this work are the species collected by J. Banister in Virginia in 1680, which were previously described and figured by Plukenet, q. v. The *Pilobolus* mentioned in title 498 is first given by Ray in vol. II. 1926, and is the only fungus in the list of species collected by Banister. The other fungi of Banister are in the third volume of Ray, pp. 20, 25.

Rees, Max.

514. Die rostpilzformen der deutschen *Coniferen* zusammengestellt und beschrieben von Dr. Max Rees. 4°. pp. 70. Pl. 2. Halle. 1869. Extr. *Abhandl. Naturf. Gesells. Halle,* XI. 49–118. Pl. 1, 2. 1870.

Has a note on *Gymnosporangium macropus.*

Rehm, Heinrich. Ederheim near Nördlingen, Bavaria, 20 Oct. 1828. See Exsiccati in supplement

515. Note on *Peziza calycina,* Schum. *Grev.* IV. 169. June, 1876.

Includes a description of a new species, *Peziza Ellisiana,* sent from New Jersey by J. B. Ellis. See no. 118.

516. —— Bemerkungen über (einige) *Ascomyceten. Hedwigia,* XVIII. 113–115, Aug. 1879; 161–169, Nov. 1879. — XXI. 130–139, Sept. 1882; 145–148, Oct. 1882.

Part 1 has no American references. Part 2, p. 168, has a note on *Didymosphæria grumata* from New Jersey. Part 3 has notes on 19 American species, most of them from Ellis's North American Fungi. Part 4, p. 146, has a note on *Valsaria cincta,* also from Ellis.

Rehm, Heinrich.

517. Revision der *Hysterineen* im herb. Duby. *Hedwigia*, XXV. 137–155, 173–202 (1–48). Aug.—Oct. 1886.

Includes notes on North American *Hysteriaceæ* with a review of species described in work here numbered 201.

518. —— *Ascomyceten.* In getrockneten exemplaren herausgegeben von Dr. Med. Rehm. Fasc. 1–11. *26th Bericht Naturhistor. Vereins*, Augsburg. 1881. pp. 1–132.

This number of the *Berichte* gives diagnoses of new species and critical notes on others found in the first eleven fasciculi of the collection of dried *Ascomycetes* issued by the author. For an account of this collection and list of American species which it contains, see SUPPLEMENT. Descriptions of new species of first 11 fasciculi are repeated in *Hedwigia*, XXI. 35–48 and 55–64. Notes on species in later fasciculi are given in *Hedwigia* as follows: Fasc. 12, vol. XX. 33–42, 49–54; — fasc. 13, XXI. 65–75, 81–86; — fasc. 14, XXII. 33–41, 52–61; — fasc. 15, XXIII. 49–57, 69–77; — fasc. 16, XXIV. 7–17, 66–72; — fasc. 17, XXIV. 225–246.

519. **Revue Mycologique,** recueil trimestriel illustré consacré à l'étude des champignons. 8°. Vol. I.–VIII. Jan. 1879—Jan. 1887. To be continued. Toulouse. Edited by C. Roumeguère.

Includes papers on lichens as well as fungi. Papers on North American fungi given here under authors' names. Reviews by the editor. In vol. III. the numbers are paged independently.

Rex, George A. Chestnut Hill, near Philadelphia, 28 April, 1845.

520. *Syphoptychium Casparyi*, Rostfk. *Bot. Gaz.* IX. 176. Oct. 1884.

Notes the discovery of this species in New York State.

521. —— The banded-spore Trichias. *Jour. Myc.* II. 85–87. Aug. 1886.

Notes on the distribution of *Trichia chrysosperma*, *T. affinis*, and *T. Jackii*, and allied forms, in the United States.

Rich, C. W. L.

522. Large Fungi. *Am. Nat.* XVIII. 68–69. Jan. 1884.

Reports finding a *Hydnum septentrionale* weighing twelve pounds.

Rich, Oliver O.

523. A Synopsis of the genera of American plants according to the latest improvements of the Linnæan System. 8°. pp. 167. Georgetown, D. C. 1814.

Describes, pp. 141–144, 17 genera of fungi.

Richardson, (Sir) John. Dumfries, Scotland, 1787. †Grasmere, England, 5 June, 1865.

523ª. Botanical appendix to Capt. Franklin's narrative of a journey to the shores of the Polar Sea. 4°. pp. 40. Pl. 4. London. 1823.

On p. 35 is a list of 19 fungi.

Riley, Charles Valentine. London, England, 12 Sept. 1843.

524. The periodical *Cicada*. *Rept. State Entomologist, Missouri*, I. 18–42. Jefferson City. 1869.

On p. 26 remarks on the enemies of the *Cicada*, with note by Dr. W. D. Hartman on a greenish powdery fungus found in this *Cicada*.

525. —— The white grub. *Rept. State Entomologist, Missouri*, I. 156–159. Fig. 88–89. Jefferson City. 1869.

On p. 158, fig. 89, are notes and a figure of a *Cordyceps* on the larva of the May-beetle.

526. —— Fungus on wild plums. *Am. Entom. and Bot.* II. 308. Fig. 190. Sept. 1870.

Figure of a distortion of shoots of *Prunus Americana* from Mississippi, supposed to be caused by a fungus.

527. —— The unadorned *Tiphia*, or white grub parasite, *Tiphia inornata*, Say. *Rept. State Entomologist, Missouri*, VI. 123–126. Fig. 34, 35. Jefferson City. 1874.

Account of a *Cordyceps* which grows on this insect, with figure, which is also given in *Scientific American*, 25 May, 1875.

528. —— The white grub fungus. *Am. Entomologist*, III. 137–140. Fig. 53–55. June, 1880.

Account and figures of *Torrubia Ravenelii*, B. and C., with summary of previous writings on the subject. See also RURAL WORLD, 12 June, 1875, for account of same fungus there called *T. elongata*.

529. —— Reports of experiments, chiefly with kerosene, upon insects injuriously affecting the orange tree and the cotton plant, made under the direction of the Entomologist. *U. S. Dept. Agr. Division of Entomology, Bulletin No. 1.* 8°. pp. 62. Washington. 1883.

On p. 25 is a notice of a fungoid growth on *Puriatoria* and *Mytilaspis* in a report made by Joseph Voyle.

530. —— Reports of observations on the Rocky Mountain locust and the chinch bug, together with extracts from the correspondence of the Division on miscellaneous insects. *U. S. Dept. Agr. Division of Entomology, Bull. 2.* 8°. pp. 36. Washington. 1883.

On p. 30, a notice of *Scorias spongiosa* on honey dew.

531. —— The mildews of the grape vine. An effectual remedy for *Peronospora*. *Rural New-Yorker*, XLV. 72, 87. 30 Jan.—6 Feb. 1886.

Accounts of *Uncinula spiralis* and *Peronospora viticola* and the means of destroying them. Issued separately on a folio sheet.

Other papers by this author, in which fungi are noticed without reference to special American species, are "Wheat rust and barberry rust," *Am. Entom. and Bot.* II. 162; and "Fungus foes," l. c. III. 297.

Robin, Charles (Philippe). Jasseron, France, 4 June, 1821.

531ª. Histoire naturelle des végétaux parasites qui croissent sur l'homme et sur les animaux vivants. 8°. pp. 702. Atlas. Pl. 15. Paris. 1853.

Includes references to Schweinitz's species of *Isaria*, and species described by Leidy.

Robin, Claude C.

532. Voyages dans l'intérieur de la Louisiane, de la Floride Occidentale, et dans les Isles de la Martinique et de Saint-Domingue pendant les années 1802, 1803, 1804, 1805 et 1806. Suivis de la Flore Louisianaise. 8°. Vol. I.–III. Paris. 1807.

The Flore Louisianaise in vol. III. pp. 311–525, forms the basis of Rafinesque's Florula Ludoviciana, q. v. Some rather vague references to fungi on pp. 325–328.

Rose, Joseph Nelson. Dunlapsville, Union Co., Ind., 11 Jan. 1862.

533. Mildews of Indiana. *Bot. Gaz.* XI. 60–63. March, 1886.

Enumeration of 12 species of *Perisporiaceæ*, with hosts, localities, and notes.

Rostafinski, Joseph Thomas. Warsaw, 14 Aug. 1850.

533ª. Śluzowce (Mycetozoa). Monografia. 4°. pp. 432. Pl. 13. Fig. 1–242. Paris. 1875. Supplement 1. pp. 42. Fig. 243–246. 1876.

A work comprising descriptions of all known species of this order, including notes and revisions of American species. The figures of the first 12 plates are reproduced in the "Myxomycetes of Great Britain," by M. C. Cooke, London, 1877, a work which gives also translations of Rostafinski's descriptions of British species. See also title no. 124 and 447.

Roumeguère, Casimir. Toulouse, 15 Aug. 1828. See REVUE MYCOLOGIQUE. See EXSICCATI in supplement.

Russell, John Lewis. Salem, Mass., 2 Dec. 1808. †Salem, 7 June, 1878.

534. Contributions to the cryptogamic flora of Essex County. *Proc. Essex Inst.* Salem, Mass., I. 191–194. 1856.

Notes on *Dothidea* (*Asteroma*) *pomigena*, *Phragmotrichum Chailletii*, and *Sphaeronema subtile*.

535. —— The smaller fungi. *Am. Nat.* II. 561–570, fig. 2; 628–638, fig. 5. Jan., Feb. 1869.

General account of moulds, blights, etc., with figures, being a review of "Rust, Smut, Mildew, and Mould," by M. C. Cooke. See also article by this author on Mushrooms, a review of Cooke's "Plain and Easy Account of British Fungi," in *Am. Nat.* II. 292–303. Also "Potato Mould," *Am. Nat.* II. 463–466. These papers do not contain special American references, and state only general facts.

Saccardo, Pietro Andrea. Treviso, 23 April, 1845. See MICHELIA.

536. —— Fungi Italici autographice delineati. 4°. Fig. 1500. With index. Padua. May, 1877—May, 1886.

Issued in 38 fasciculi, with an index of species in last fasciculus. The following are the numbers of plates representing United States species: 683, 684, 686, 687, 777, 781, 789, 792, 817, 849, 866, 932, 959, 1117, 1358, 1362, 1409, 1440.

537. —— Enumeratio *Pyrenomycetum Hypocreaceorum* hucusque cognitorum systemate carpologico dispositorum. *Michelia*, I. 277–325. July, 1878.

Includes notes on 58 species of the United States.

538. —— Conspectus generum fungorum Italiae inferiorum nempe ad *Sphaeropsideas*, *Melanconieas* et *Hyphomyceteas* pertinentium systemate sporologico dispositorum. *Michelia*, II. 1–38. April, 1880.

Includes descriptions of *Pyricularia* and *Ellisiella*, new American genera.

539. —— Fungorum Extra-Europaeorum pugillus. *Michelia*, II. 136–149. April, 1880.

Notes on 44 North American species, 21 described as new.

540. —— Fungi Veneti novi vel critici. Series 8. *Hedwigia*, XIV. 68–76, May, 1875; and *Michelia*, I. 446–452, Nov. 1878. — Series 11. *Michelia*, II. 154–176, April, 1880.

Series 3 has note on *Massaria epileuca*, B. and C. Series 11 has a note on *Uredo Aspidiotus*, Peck.

541. —— Fungi Gallici. Series 2. *Michelia*, II. 39–135, April, 1880. — Series 4, l. c. 583–648, Dec. 1882.

First part has a note on *Uromyces Euphorbiae*, C. and P., on p. 46. The second part has in addenda a description of *Granularia eurotioides* from New Jersey.

542. —— Fungi aliquot Extra-Europaei. *Michelia*, II. 372–377. March, 1881.

Notices of 22 species from the United States, 6 described as new, collected mostly by J. B. Ellis in New Jersey. Rev. in *Rev. Myc.* III. April, 1881.

543. —— Fungi Boreali-Americani. *Michelia*, II. 564–582. Dec. 1882.

Notes on 103 species, 53 described as new, 5 new genera from the United States, collected principally by J. B. Ellis. Most of the species ascribed to Saccardo and Ellis.

544. —— Genera *Pyrenomycetum* schematice delineata a P. A. Saccardo. Illustratio adcommodata ad usum Sylloges Pyrenomycetum ejusdem auctoris. 8°. pp. 6. Pl. 1–14. Padua. Nov. 1883.

A series of figures illustrating the genera of the first two volumes of Saccardo's Sylloge. Rev. in *Am. Nat.* XVIII. 187.

545. —— Conspectus generum *Discomycetum* hucusque cognitorum. *Bot. Centralblatt*, XVIII. 213–220, 247–256 (1–16). 1884.

Includes descriptions of North American genera. See *Am. Nat.* XVIII. 723.

546. Miscellanea mycologica. *Att. Real. Istit. Veneto.* II. (6 ser.) 435–463 (1–29). 1884.

Includes descriptions of one new genus and 3 new species from the United States, two of which are credited to Saccardo and Winter. See next number.

—— *and* **Berlese,** A. N.

547. Miscellanea mycologica. *Att. Real. Istit. Venet.* III. (6 ser.) 711–742 (1–32). Pl. 8–11. 1885.

Includes enumeration of 19 species from the United States, 9 species and 2 genera described as new. Figures of 5 species. See also JOUR. MYC. I. 95 and 105. See last number.

—— *and* **Berlese,** A. N., *and* **Voglino,** P.

548. Sylloge Fungorum omnium hucusque cognitorum. 8°. Vol. I.–IV. Padua. 1882–1886. To be continued.

Vol. I. Prefatio v.–viii. *Bibliotheca Mycologica*, ix.–xix. Sylloge *Pyrenomycetum*, pp. 768. 13 June, 1882.

Vol. II. Sylloge *Pyrenomycetum*, pp. 815; Addenda, vol. I., i.–lv.; Addenda, vol. II. lvi.–lxix; Index, species, and genera of vol. I. and II. pp. 77. 13 June, 1883.

Vol. III. Sylloge *Sphaeropsidearum et Melanconiearum*, pp. 860. 15 Dec. 1884.

Vol. IV. Sylloge *Hyphomycetum*, pp. 807. 10 April, 1886.

Additamenta ad volumina I.–IV. curantibus A. N. BERLESE et P. VOGLINO. pp. 484. 31 Dec. 1886. To be continued.

A work including descriptions of all known species of the orders named above. For reviews of American species in this work, see COOKE, M. C. Also reviews in *Am. Nat.* and *Jour. Myc.* and *Hedwigia*, XXIV. 97

Salmon, D. E.

549. The nature, chemical composition, and action of ergot. *U. S. Dept. Agr. First Ann. Rept. Bureau Animal Industry for* 1884. pp. 195–208.

Included in a report on "Enzootics of Ergotism" is a chapter with title here given, which has a botanical account of ergot, with a plate giving the gross appearance of the fungus, and a plate, taken from Tulasne, of the microscopic structure.

Saunders, William.

550. Cultural Remarks. *Rept. U. S. Dept. Agr. for* 1883. pp. 182–196. Washington. 1883.

Has some remarks on the conditions which affect diseases of grapes.

Schlechtendal, VON, Diedrich Franz Leonard. Xanten, duchy of Cleves, 27 Nov. 1794. †Halle, 12 Oct. 1866.

551. Eine neue *Phalloidee*, nebst bemerkungen über die ganze familie derselben. *Linnaea*, XXXI. 101–194. Pl. 1. 1860.

Includes observations on *Phallus duplicatus*, Bosc, and some other species which have been said by some writers to occur in the United States.

—— *and* **Mueller,** K.

552. *Mitremyces Junghuhnii*, eine neue art, beschrieben und abgebildet von v. Schlechtendal und K. Müller. *Bot. Zeit.* II. 401–404. Pl. 3, B. 7 June, 1844.

Includes notes on *Mitremyces lutescens* of the United States.

Schmidt, Johann Carl. Bernstadt, Oberlausitz. 6 April, 1793. †Berne, 2 Dec. 1850. See KUNZE, G.

Schrenk, Joseph.

553. Notes on Tuckahoe. *Torr. Bull.* XI. 1–5. Pl. 43. Jan. 1884.

Gives histological and chemical structure of tuckahoe, with consideration of the mycelium found in this substance.

Schroeter, Julius.

554. Ueber einige amerikanische *Uredineen*. *Hedwigia*, XIV. 161–172, 177–182. Nov., Dec. 1875.

Proposes a new genus, *Uropyxis*, founded on *Puccinia Amorphae*, B. and C., and gives notes on synonymy and distribution of 35 other species.

Schulzer von Müggenburg, Stephan.

555. Berichtigung. *Hedwigia*, XXII. 43. March, 1883.

Has a note on *Secotium Warnei*, Peck, which author considers to be the same as *S. acuminatum*, Tul.

Schwaegrichen, Christian Friedrich. Leipsic, Sept, 1775. †Leipsic, 2 May, 1853. See SCHWEINITZ, L. D.

Schweinitz, DE Lewis David. Bethlehem, Pa., 13 Feb. 1780. †Bethlehem, 8 Feb. 1834. See BERKELEY, M. J., and CURTIS, M. A. See CURRY, F. See DUBY, J. E. See FRIES, E. See STEVENSON, W. C.

556. —— Description of a number of new American species of *Sphaeriae Jour. Acad. Nat. Sci.* Philadelphia, V. 3–16. Pl. 1, 2. 15 Feb. 1825.

Describes 3 new species of *Cordyceps*, 2 of *Hypoxylon*, 2 of *Poronia*, and 9 other *Sphaeriaceae*, with figures of 11 species. This paper is repeated in substance, without figures, in *Linnaea, Litteratur-Bericht für* 1829, pp. 44–48. Species also included in next paper. See also COOKE, M. C., title no. 159.

557. —— Synopsis fungorum Carolinae Superioris secundum observationes Ludovici Davidis de Schweinitz. Edita a D. F. Schwaegrichen. *Schriften der Naturforschenden Gesellschaft.* Leipsic. 4°. I. 20–131 (1–105). Pl. 1, 2. 1822.

The first paper of importance on fungi written by an American; 1373 species are enumerated, many of them described as new, and a few new genera. No index either to the original or the separate edition. See also next title. For early review of this work, see FLORA, VI. part 2, pp. 65–84, 1823.

558. —— Synopsis fungorum in America Boreali media degentium. Secundum observationes Ludovici Davidis de Schweinitz. Communicated to the American Philosophical Society, Philadelphia, 15 April, 1831. 4°. *Trans. Am. Phil. Soc.* (n. s.) IV. 141–316. Pl. 19. 1834.

A revision and extension of last-named paper, including 3098 species, principally from Pennsylvania and Carolina, many of them new, and several new genera. The index gives the species alphabetically, not including those previously given in *Fung. Car. Sup.*, without references to pages. For commentaries on this paper, see BERKELEY and CURTIS, COOKE, M. C., *Grev.* XIII. 37–40.

Scribner, Frank Lamson (changed from Franklin Pierce Lamson), Salem, Mass., 19 April, 1851.

559. Fungous diseases of plants. *Rept. U. S. Dept. Agr. for* 1885. pp. 76–87. Washington. 1886.

Includes account of corn smut, *Roestelia* on apples, grape moulds, several diseases caused by *Perisporiaceae* and *Peronosporeae*, and honey-dew. Pl. 17 of this report, which accompanies the present paper, belongs to a paper by Pearson, which was printed in *Special Bulletin No. 2*, Botanical Division, issued Jan. 1887.

560. —— Botanical characters of the Black Rot. *Physalospora Bidwellii*, Sacc. *Bot. Gaz.* XI. 297–302. Pl. 9. Nov. 1886.

An account of the structure and development of *Phoma uricola*, with references to *Sphaeria Bidwellii*, Ellis, and review of paper on the subject by Viala and Ravaz.

561. —— Black Rot. — *Physalospora Bidwellii* (Ell.) Sacc. *Proc. Seventh Ann. Meeting Soc. Prom. Agr. Sci.* Buffalo, 1886. pp. 82–88. Columbus, O. Nov. 1886. Also *Colman's Rural World.* 30 Dec. 1886.

The substance of last-named paper, with notes on remedies and on *Gloeosporium ampelophagum.*

562. —— Notes on the orange-leaf scab. *Torr. Bull.* XIII. 181–183. Oct. 1886.

Account of the disease, with a consideration of the remedies. Has a reference to *Fusarium sarcochroum*, Desm., found on the leaves. This paper was read at the Botanical Club of the Am. Ass. Adv. Sci. Buffalo, Aug. 1886, and an abstract is given in *Bot. Gaz.* XI. 246, Sept. 1886.

Seaman, William Henry. New York City, 1 Nov. 1837.

563. Edible fungi. *Field and Forest*, I. 71. Jan. 1876.

Gives a list of 27 species eaten in Washington.

N. B. The paper by this author, "Description of a new fungus on the leaves of the pear tree," *Blastema tridens*, Zabriskie, *Morthiera Mespili*, Fuckel var., was read at the 25th meeting Am. Ass. Adv. Sci. Buffalo, Aug. 1876, but was not published.

563ª. —— Some remarks on fungi considered as insecticides. *Am. Entomologist*, III. 40, 41. Feb. 1880.

Sedgwick, William Thompson. West Hartford, Ct., 29 Dec. 1855.

564. On fermentation. Lectures delivered to the employés of the Baltimore & Ohio R. R. 8°. pp. 51–73. Fig. 1–10. Baltimore. 1882.

A popular lecture on the growth and action of yeasts and bacteria.

—— *and* **Duggan,** J. R.

564ª. Pleomorphism in *Penicillium. Johns Hopkins University Circulars*, II. no. 21. p. 50. Feb. 1883.

A preliminary communication giving an account of the change in habit undergone by *Penicillium* when growing submerged in a saccharine fluid.

Seeman, Berthold. Hanover, 28 Feb. 1825. †Javali, Nicaragua, 10 Oct. 1871.

565. The botany of the voyage of H. M. S. *Herald*, under the command of Captain Henry Kellett, R.N., C.B., during the year 1845–51. Edited by Berthold Seeman. 4°. pp. 483. Pl. 100. London. 1852–1857.

On p. 49 *Dothidea betulina*, forma *nana*, is recorded in Western Esquimaux Land.

Senex. (Pseudonym.)

565ª. Essay on smut in wheat. *Massachusetts Agricultural Repository and Journal*, V. 134–150. 1818.

General remarks of no interest except for the date when written.

Seymour, Arthur Bliss. Moline, Ill., 3 Jan. 1859.

566. *Puccinia heterospora*, B. and C. *Bot. Gaz.* VIII. 357, 358. Dec. 1883.

The *Puccinia Thwaitesii* of Winter stated to be the same as *P. heterospora*, B. and C., to which species *Uromyces pulcherrimus*, B. and C., is also referred.

566ª. —— Curl leaf in peach trees. *Country Gentleman.* 25 June, 1885.

Account of *Exoascus deformans*, with figure.

567. —— Distribution of *Puccinia heterospora. Jour. Myc.* I. 94. July, 1885.

Gives 11 additional hosts for this species from the Gray herbarium.

567ª. —— The apple tree rust. *New England Homestead.* 5 June, 1886; with 4 figures.

A popular account of *Gymnosporangium macropus* and *Aecidium pyratum*, Schw., with figures.

568. —— A Palm disease. *Am. Florist.* 1 Sept. 1886; with 3 figures.

A popular account of *Graphiola Phoenicis.*

568ª. —— Some fungus diseases of small fruits. *Rept. State Hort. Soc. Minnesota, for* 1886, XIV. 213–221 (1–8). Fig. 1–6.

Accounts of the orange rust of blackberries, with figure, taken from Burrill, *Fusisporium Rubi*, with figure, from Earle, *Septoria Ribis*, and some other diseases of raspberries and blackberries.

Seynes, DE Jules. Lyons, France, 16 Jan. 1833.

569. Recherches pour servir à l'histoire naturelle des végétaux inférieurs. I. *Des Fistulines.* 4°. pp. v. 71. Pl. 7.

Includes descriptions and figures of *F. spathulata*, B. and C., and *F. pallida*, B. and R., besides general account of *Fistulinae.*

Seynes, DE Jules.

570. On *Agaricus ascophorus*, Peck. *Grev.* III. 169, 170. June, 1875.

Description of the cystidia and basidiospores in this species, followed by some observations of Berkeley on the same species taken from *Gard. Chron.* of 17 April, 1875.

Sheout, John Louis Edward William.

571. Flora Carolinaeensis; or a historical, medical, and economical display of the vegetable kingdom, according to the Linnaean or sexual system of botany. 8°. pp. 579. Charleston. 1806.

The plants are arranged alphabetically, and some genera of fungi are given, with accounts of some of the species. The work appears to be a compilation of no value at the present day. The second volume was never published.

Smith, Worthington George.

572. Florula Discoana: Contributions to the phyto-geography of Greenland, within the parallels of 68° and 70° north latitude. By Dr. Robert Brown. *Trans. Bot. Soc.* Edinburgh, IX. 430–465 (1–37). 1867–68.

Has a list of 6 species, determined by W. G. Smith. Repeated in *Arctic Manual*, part 2, p. 283.

Sommers, John. St. John's, Newfoundland, 29 March, 1843.

573. Nova Scotian fungi. *Trans. Nova Scotia Inst. Sci.* V. 188–192, 247–253, 332–333. Halifax. 1882. Read 26 Jan., 10 Dec. 1880, and Dec. 1881.

Enumeration of 144 species, all but a few *Basidiomycetes*, with hosts, localities, and notes in some cases. Some of the species determined by C. H. Peck.

Spalding, Volney Morgan. East Bloomfield, N. Y., 29 Jan. 1849.

574. *Ustilago Maydis* and related species. 12°, pp. 16, fig. 7. Extr. *Therapeutic Gazette*, V. 121–125. 15 April 1881.

Account of the development of *U. Maydis*, with notes on the germination of the spores in several other species of the order.

Spegazzini, Carlo.

575. Fungi Argentini additis nonnullis Brasiliensibus Montevideensibusque. Pugillus quartus. 8°, pp. 138, pl. 1. Buenos Ayres. Extr. *Anal. Soc. Cient. Argent.* XII. 13–30, 63–82, 97–117, 174–189, 208–227, 241–258; XIII. 11–35, 60–64. July, 1881—Feb. 1882.

In XII. 101 (41, 42), there are given in a foot-note full descriptions of some *Meliolae* of the United States. On XII. 225 (90) is a description of the new genus, *Ravenelula*, with a species on *Sabal* from Florida, *R. gainesvillensis*. On XIII. 21 (120), *Harknessia Eucalypti*, Cooke, is referred to *H. uromycoides*, Speg.

Sprague, Charles James. Boston, 16 Jan. 1823.

576. Contributions to New England mycology. *Proc. Soc. Nat. Hist.* Boston, V. 325–331. 1856. Read 5 March, 1856. — VI. 315–321. 1859. Read 6 Jan. 1858.

A list of 682 species collected in Massachusetts by Mr. Sprague and Dennis Murray, a few by M. A. Curtis and J. L. Russell, and some from Connecticut by C. Wright. The species determined by M. A. Curtis, some not described until later papers by Berkeley and Curtis.

577. —— List of cryptogamous plants collected at Lake Superior by Dr. S. Kneeland. *Proc. Soc. Nat. Hist.* Boston, VI. 296. 1859. Read 28 Nov. 1857.

List of 8 species of fungi, 2 lichens, and one moss determined by C. J. Sprague.

Sprengel, Kurt (Curtius). Boldekow, near Anklam, 3 Aug. 1766. †Halle, 15 March, 1833.

578. Plantarum minus cognitarum pugillus primus. 12°. pp. 66. Halle. 1813.

On p. 66 is a description of *Solenarium byssoideum* from Pennsylvania, collected by Muhlenberg.

579. —— Systema vegetabilium (*Caroli Linnaei*). Editio decima sexta curante Curtio Sprengel. 8°. Vol. I.–V. Göttingen. 1825–1828.

Fungi are included in vol. IV. 376–580, 1827. Includes species of Schweinitz and Bosc, with descriptions of American species, some referred to new genera.

Stevenson, William Clark, Jr. Philadelphia, 7 Dec. 1848.

580. Additions to Mr. Cooke's paper on "The *Valsei* of the United States." *Proc. Acad. Nat. Sci.* Philadelphia, pp. 86–88. April, 1878.

Gives details of spores of 38 species from the Schweinitz herbarium. Supplementary to paper by M. C. Cooke. See no. 123.

Streinz, Wenceslaus Maternus.

581. Nomenclator fungorum exhibens ordine alphabetico nomina tam generica quam specifica ac synonyma a scriptoribus de scientia botanica fungis imposita. 8°. pp. viii. 735. Vienna. 1862.

A general index of genera and species of fungi, including American, and a bibliography of works on fungi.

Sturtevant, Edward Lewis. Boston, 23 Jan. 1842.

582. A list of edible fungi. *Trans. Mass. Hort. Soc. for* 1881. pp. 322–348. Boston. 1881.

An enumeration of a large number of species compiled from various sources, the American authorities being Curtis and Harkness and Moore.

Sullivant, William Starling. Franklinton, O., 15 Jan. 1803. †Columbus, O., 30 April, 1873. See LEA, T. G. See MONTAGNE, J. F. C.

Taylor, Thomas.

583. Certain fungi parasitic on plants. *Month. Micros. Jour.* London (XII. 118–125. Pl. 95–97. March, 1875).

Notes on black-knot and *Erysiphe Tuckeri* taken from *Rept. U. S. Dept. Agr. for* 1873, pp. 196–200; and *Rept.* 1874, pp. 174–177.

584. *Oidium Tuckeri*, a fungus of the grape-vine. *Am. Month. Micr. Jour.* V. 5–7. Jan, 1884.

This species said to be the conidial form of *U. spiralis*. Includes quotation from letter of Berkeley in *Gard. Chron.* Rev in *Grev.* XII. 84.

585. —— Edible mushrooms of the United States. *Rept. U. S. Dept. Agr. for* 1885. pp. 100–108. Pl. 2. Washington. 1886.

Account of 12 species, with colored figures.

N. B. For other papers by this author, see *Microscopic Observations* in *Reports U. S. Department of Agriculture* prior to 1876, as follows: 1871, pp. 110–122, pl. 4–17, "Report on fungoid diseases of plants," grape mildews, lilac mildew, diseases of pear, and peach-trees. — 1872, pp. 188–203, fig. 27–38, pear-blight, onion-smut, peach-yellows, and potato-rot. — 1873, pp. 183–210, figs. 11–21, hawthorn-blight, potato-rot (also in *Monthly Report Department of Agriculture*, June, 1874), black-knot, orange blight, and apple-rot. — 1874, pp. 161–178, pl. 1–5, cranberry-rot, black-knot (also in *Monthly Report* for Nov. and Dec.), and *Oidium Tuckeri*. — 1875, pp. 193–206, pl. 15, cranberry-rot and black-knot. — 1876, pp. 74–81, mushrooms. — Also, "Puccinia on paper," in the *Lens*, I. 170–171; "The yellows of the peach," l. c. II. 36–38; "Potato blight and rot," l. c. II. 152–157.

Thuemen, VON Felix. Dresden, 1839. See EXSICCATI in supplement.

586. New species of American fungi. *Torr. Bull.* VI. 95. June, 1876.

Characters of 3 species and one variety.

587. —— Contributions à la flore mycologique de la province de Québec. *Naturaliste Canadien*, X. 8–10. Jan. 1878.

Paper introduced into an article, "Nos champignons," by the Abbé Provancher. Enumeration of 25 species, one new species, *Gnomonia Provancheriana*, and one new variety described.

588. —— New species of North American *Uredinei*. *Torr. Bull.* VI. 215, 216. March, 1878.

Descriptions of 6 species.

Thuemen, von Felix.

589. Fungorum Americanorum triginta species novae. *Flora*, LXI. (XXXVI. new ser.) 177–184. 21 April, 1878.

Descriptions of one new genus, *Thuemenia*, and 28 new species collected principally by H. W. Ravenel in South Carolina. One species is credited to Behm and one to Cooke.

590. —— Die pilze des weinstockes. Monographische bearbeitung der sämmtlichen bisher bekannten, auf den arten der gattung *Vitis*, L., vorkommenden pilze. 8°. pp. xx. 225. Pl. 5. Vienna. 1878.

Includes descriptions of American viticolous fungi, several species described as new. New species of this work are repeated in *Hedwigia*, XVIII. 118–124. Rev. in *Grev.* VI. 147, and *Bot. Zeit.* XXXVII. 60.

591. —— *Hyphomycetes* nonnulli novi Americani. *Rev. Myc.* I. 58–61. April, 1879.

Descriptions of 13 species collected by H. W. Ravenel.

592. —— *Melampsora salicina*, der weiden rost. *Hedwigia*, XVIII. 76–79. May, 1879. Extr. *Mittheil. aus dem forstl. Versuchswesen Oesterreichs.* II.

Original not seen. Seven species made of the original species, 4 of which belong to the United States. See also *Rev. Myc.* I. 136.

593. —— A brief contribution to the mycological flora of the United States. *Torr. Bull.* VI. 350, 351. Oct. 1879.

Notes on 8 species, of which 2 are described as new.

594. —— Fungi pomicoli. Monographische beschreibung der auf den obstfrüchten der gemässigten climata vorkommenden pilze. 8°. pp. xii. 143. Pl. 3. Vienna. 1879.

Includes descriptions of American species.

595. —— Die blasenrost-pilze der Coniferen. Monographie der gattung *Peridermium*, Lév. *Mittheil. aus dem forstl. Versuchswesen Oesterreichs.* II. part 3, pp. 297–323. 4°. Vienna. 1880.

Includes descriptions of and comments on American species of the genus.

596. —— Two undescribed North American species of *Septoria*. *Bot. Gaz.* V. 122–123. Oct. 1880.

Characters of *S. Albaniensis* and *S. quercetl.*

Torrey Botanical Club. See Bulletin of.

Torrey, John. New York, 15 August, 1796. †New York, 10 March, 1873.

597. A catalogue of plants growing spontaneously within thirty miles of the city of New York. 8°. pp. 100. Albany. 1819.

On pp. 87–89 is a list of 92 fungi arranged according to Persoon, specific authorities not given.

598. —— Catalogue of North American genera of plants, arranged according to the orders of Lindley's Introduction to the natural system of botany; with the number of species belonging to each genus as far as they are at present determined. 8°. pp. 22. New York. 1831.

This was originally printed as an appendix to the American edition of Lindley's Introduction. Fungi are given on pp. 12, 13. The names of genera only given with the number of supposed species of each genus, in all 3101.

Trelease, William. Mt. Vernon, N. Y., 22 Feb. 1857.

599. Notes on the relations of two *Cecidomyians* to fungi. *Psyche*, IV. 195–200. August, 1884.

Account of *Rhytisma Solidaginis*, Schw., *R. bifrons*, Schw., and *R. Asteris*, Schw., which, author thinks, are probably primarily insect-galls.

600. —— The Philadelphia rose rot. *Gard. Monthly.* pp. 211, 212, with figure. July, 1884.

An account of *Peronospora sparsa*, and the means for destroying it.

601. —— The onion mold. *First Ann. Rept. Wisconsin Agr. Exp. Station for* 1883. pp. 38–44. Fig. 1–5. Madison, 1884.

An account of *Peronospora Schleideniana*, De Bary, with notes on its occurrence in Wisconsin.

602. —— The apple-scab and leaf-blight. (*Fusicladium dendriticum*, Wallroth). *First Ann. Rept. Wisconsin Agr. Exp. Station for* 1883. pp. 45–56. Fig. 6–9. Madison. 1884.

Account of the fungus and details of the ravages caused by it in Wisconsin. See 434*.

603. —— Preliminary list of the parasitic fungi of Wisconsin. *Trans. Wisconsin Acad. Sci. Arts*, VI. 106–144 (1–40). 1886.

An enumeration of 271 species, with hosts, localities, and critical notes, including descriptions of 16 new species, one of them credited to Peck and one to Farlow, followed by a host-index. New species given in *Jour. Myc.* I. 13–15. The reprint was issued early in Nov. 1884, the volume of transactions in July, 1886.

604. —— The spot disease of strawberry leaves (*Ramularia Tulasnei*, Sacc.) *Second Ann. Rept. Wisconsin Agr. Exp. Station for* 1884. pp. 47–58. Fig. 1–3. Madison. 1885.

Account of the fungus and its distribution in Wisconsin.

605. —— Heteroecismal *Uredineae*. *Jour. Myc.* I. 25, 26. Feb. 1885.

A summary of 29 species.

606. —— The genus *Cintractia*. *Torr. Bull.* XII. 69, 70. Pl. 50. July, 1885.

Account of the structure of *Ustilago Junci*, Schw., which is referred to the genus *Cintractia* of Cornu.

607. —— The wax-bean fungus. *Cultivator and Country Gentleman.* p. 800. Fig. 1. Oct. 1885.

Account, with figures, of *Gloeosporium Lindemuthianum.*

608. —— The grape-rot. *Trans. Miss. Valley Hort. Soc.* II. 223–227. Also in *Trans. Wisconsin State Hort. Soc.* XV. 190–198, with addition of fig. 1–9.

Includes notices of *Peronospora viticola* and *Phoma uricola*, with figures. The pagination of reprint from *Wis. Trans.* is changed a little from original.

609. —— The smut of Timothy. *Rept. U. S. Dept. Agr. for* 1885. pp. 87, 88. Pl. 18. Washington. 1886.

An account of *Tilletia striaeformis*, Westd., with notes on some *Ustilagineae* which may prove injurious to cattle. See 434*.

610. —— A yellow opium mould (*Eurotium Aspergillus-glaucus*). *Contrib. Dept. Pharmacy, Univ. of Wisconsin.* No. 2. pp. 5–9. Fig. 1–8. 1886. Reprint without pagination.

Notes on *Eurotium Aspergillus-glaucus.*

Treviranus, Ludolf Christian. Bremen, 18 Sept. 1779. †Bonn, 6 May, 1864.

611. Ueber die Pietra Fungaja und ein verwandtes gebilde aus den Vereinigten Staaten. *Verhandl. Naturhistor. Verein der preuss, Rhein. und Westphal.* VI. 281–289. Pl. 12. 1849.

Includes an account, with figure, of what is apparently a monstrosity of some *Polyporus*, collected by Lieut. Macomb at Grand Traverse Bay, Lake Michigan.

Tuckerman, Edward. Boston, 7 Dec. 1817. †Amherst, Mass., 15 March, 1886. See Fries, E. M.

—— *and* **Frost,** C. C.

612. A catalogue of plants growing without cultivation within thirty miles of Amherst College. 8°. pp. vi. 98. Amherst, 1875.

The fungi by Frost, pp. 62–97, nclude a list of over 1100 species, with habitats. In the determination of the species the author was aided by M. A. Curtis, and some of the names represent species published later in Berkeley's Notices of North American Fungi (see title 42), and some are manuscript names of Curtis and Frost, which were never published. A number of species are referred to C. H. Peck, and published by him elsewhere. See Peck, C. H. The names in this catalogue are frequently misspelled.

Tulasne, Charles. Langeais, 5 Sept. 1816. †Hyères, 28 Aug. 1884.

Tulasne, Louis René. Azay-le-Rideau, France, 12 Sept. 1815. †Hyères, 22 Dec. 1885.

613. ——, L. R. Observations sur l'organisation des *Trémellinées*. *Ann. Sci. Nat. Bot.* 3 ser. XIX. 193–231 (1–39). Pl. 10–13. 1853.

Includes a brief reference to *Podisoma macropus*, Schw.

614. —— Mémoire sur l'ergot des *Glumacées*. *Ann. Sci. Nat. Bot.* 3 ser. XX. 5–56. Pl. 1–4. 1853.

Has very brief references to American authors on the subject.

614ª. ——, L. and C. R. Recherches sur l'organisation et le mode de fructification des champignons de la tribu des *Nidulariées*, suivies d'un essai monographique. *Ann. Sci. Nat. Bot.* 3 ser. L 41–107. Pl. 3–8. 1844.

Includes descriptions of United States species, one new species figured.

615. —— —— Mémoire sur les *Ustilaginées* comparées aux *Urédinées*. *Ann. Sci. Nat. Bot.* 3 ser. VII. 12–127. Pl. 2–7. 1847.

Includes observations on *Testicularia* and *Ustilago Schweinitzii* (*Uredo Zeae*, Schw.), from the United States.

616. —— —— Fungi *Hypogaei*. Histoire et monographie des champignons *Hypogés*. Folio. pp. xix. 222. Pl. 22, 9 colored. Paris. 1851. 2d edition, pp. xxiv. 222. Pl. 21. Paris. 1863?

Of the first edition of this sumptuous work only 100 copies were printed, and each copy was numbered. A second edition was afterwards issued same as the first in all respects, except that there is another preface. The date of issue of second edition is uncertain. The title-page bears the date 1853, but the preface of second edition is dated June, 1862. Probably the 1853 of title-page should be 1863. This work includes descriptions of American genera of Bosc and Schweinitz, as *Arachnion*, *Hyperrhiza*, etc.

617. —— —— Selecta fungorum carpologia, ea documenta et icones potissimum exhibens quae varia fructuum et seminum genera in eodem fungo simul aut vicissim adesse demonstrent. Folio. Vol. I. xxviii. 242. Pl. 5. Paris, 1861. — Vol. II. xix. 319. Pl. 34. 1863. — Vol. III. xvi. 221. Pl. 22. 1865.

First volume includes *Erysiphei*, the second *Xylariei*, *Valsei*, and *Sphaeriei*, and the third *Nectrieï Phacidiei*, and *Pezisei*. This classic work does not treat specially of American fungi, but there are many critical notes and references to species of this country scattered through the text.

Tully, William.

618. Reduction of all the genera of plants contained in the Catalogus Plantarum Americae Septentrionalis of the late Dr. Muhlenberg to the natural families of Mr. De Jussieu's system. For the use of the gentlemen who attended the course of elementary and philosophical botany in Philadelphia in 1815. Philadelphia. 1815.

Has an enumeration of 47 genera of fungi, p. 5, including *Erineum*.

United States. Department of Agriculture. See AGRICULTURAL REPORTS.

—— Geological Surveys. See BILLINGS, J. S. See HAYDEN, F. V. See PARRY, C. C. See PORTER, T. C.

Ventenat, Etienne Pierre. Limoges, 1 March, 1757. †Paris, 13 Aug. 1808.

619. Dissertation sur le genre *Phallus*. *Mém. de l'Instit. Nat.* (Classe *Sci. Math. et Phys.*) I. 503–523. Pl. 7. Paris. 1798.

Includes an account of *Phallus indusiatus* from Guiana, with figures, to which species some United States specimens have since been referred, but no mention made of United States specimens by this author.

Viala, Pierre, *and* **Ravaz,** L.

620. Mémoire sur une nouvelle maladie de la vigne. Le Black Rot (*pourriture noire*). 8°. pp. 62. Pl. 4. Montpellier. 1886.

Gives notes on structure and synonymy of *Phoma uvicola*, B. and C., and *Sphaeria Bidwelliï*, Ellis.

621. —— —— Sur de nouvelles espèces du genre *Phoma* se développant sur les fruits de la vigne. *Bull. Soc. Bot. France*, XXXIII. lxi.–lxvii. 1886. Not issued until 10 Jan. 1887.

Includes details of *Phoma uvicola*, B. and C.

Vise, John Edward. London, Eng., 7 March, 1831.

622. Californian Fungi. *Grev.* V. 109–111. March, 1877. — VII. 11–13. Sept. 1878.

Notices of 66 species collected by H. W. Harkness, of which 21 are described as new.

Veglino, Pietro. Turin, 23 March, 1864.

623. Sul genere *Pestalozzia* saggio monografico. *Atti. Soc. Veneto-Trentina Sci. Nat.* IX. 209–243 (1–37). Pl. 8–10. 1885. Issued 1886.

A description of all known species of the genus, being a revision of the species given in the third volume of Saccardo's *Sylloge*. Besides the revised descriptions, there are also figures of some North American species.

Voyle, Joseph. See RILEY, C. V.

Walter, Thomas. Hampshire, England, 1740. †Carolina, 1788.

624. Flora Caroliniana secundum systema vegetabilium perillustris Linnaei digesta: characteres essentiales naturalesve et differentias veras exhibens: cum emendationibus numerosis: descriptionum antea evulgatarum: adumbrationes stirpium plus mille continens, nec non generibus novis non paucis, speciebus plurimis novisque, ornata. 8°. pp. 263. Pl. 1. London. 1788.

Describes, pp. 260–263, 7 *Agarici*, 5 *Boleti*, 1 *Hydnum*, 1 *Phallus*, 1 *Clavaria*, 4 *Lycoperdon*, and 1 unnamed species.

Walsh, Benjamin Dann. Frowe, Worcestershire, England, 21 Sept. 1808. †Rock Island, Ill., 18 Nov. 1869.

625. Black Knot. *Practical Entomologist*, I. 48–51. 26 March, 1866. — II. 63. March, 1867.

Arguments to show that this disease is caused by a fungus and not by an insect.

626. —— A plant growing out of an insect. *Practical Entomologist*, II. 116. Aug. 1867.

Reports a fungus growing out of a May-bug in Iowa.

—— *and* **Riley,** C. V.

626ª. Fungoid growths. *Am. Ent.* I. 91, 92. Jan. 1869.

Notice of the white grub fungus, with remarks by W. H. Edwards.

Watson, Sereno. East Windsor Hill, Conn., 1 Dec. 1826. See BILLINGS, J. L.

Watt, David A. P.

627. A provisional catalogue of Canadian Cryptogams. *Canadian Naturalist and Geologist*, II. new series, 390–404. Oct. 1865.

On pp. 390–392 is a list of 152 species of fungi from the collections of Dr. W. P. Maclagggan, determined by Berkeley, and of D. A. Watt, determined by Curtis. The species are arranged alphabetically, and names of authorities are not given.

Wilkes Expedition. See CURTIS, M. A., and BERKELEY, M. J.

Wingate, Harold. Philadelphia, 25 August, 1852.

628. A new genus of *Myxomycetes*. *Jour. Myc.* II. 125, 126, with figure. Nov. 1886.

Characters of the new genus *Orthotricha* and description of *O. microcephala*.

Winter, Georg. Leipsic, 1 Oct. 1848. See EXSICCATI in supplement. See HEDWIGIA.

629. Bemerkungen ueber einige *Uredineen*. *Hedwigia*, XIX. 17–29. Feb. 1880.

The *Uredo Aspidiotus* of Peck referred to *U. Filicum*.

630. —— Eine neue *Chrysomyxa*. *Bot. Centralblatt*, V. 250, 251. Feb. 1881.

The *Uredo pirolata*, Koernicke, from New York, referred to *Chrysomyxa*.

631. —— Ueber die gattung *Harknessia*, Cooke. *Hedwigia*, XXII. 19–21. Feb. 1883.

Gives notes on *H. Eucalypti*, Cooke, and other exotic species.

632. —— New North American Fungi. *Torr. Bull.* X. 7, 49, 50. Jan., May, 1883.

First part has descriptions of *Sorosporium Elliotii*, *Ustilago Vilfae*, and *Gonatobotrys maculicola*, also given in *Hedwigia*, XXII. 1, 2. Second part has 5 species from Illinois and Kentucky, also given in next title.

633. —— Fungi nonnulli novi. *Hedwigia*, XXII. 1–3. Jan. 1883.

Includes 3 species from the United States. See last title.

634. —— Ueber einige Nordamerikanische pilze. *Hedwigia*, XXII. 67–72, 129–131. May, Sept. 1883.

First part has descriptions of 8 new species, 5 of them same as in last title, besides notes on *Ascomycetella* and several *Uredineae*. Second part has descriptions of 2 new species, and notes on *Entyloma Physalidis* and *Puccinia Thwaitesii*.

635. —— Mycologische Notizen. *Hedwigia*, XXIII. 7–9. Jan. 1884.

Has notes on *Puccinia heterospora*, *Entyloma Physalidis*, and *Cercospora fusco-virens*.

636. —— New North American Fungi. *Jour. Myc.* I. 101, 102. Aug. 1885.

Descriptions of *Sphaerella Earliana*, *Fusicladium effusum*, *Darluca interseminata*, and *Doassansia decipiens*.

637. —— Fungi novi Missourienses. *Jour. Myc.* I. 121–126. Oct. 1885.

Characters of 25 new species collected by C. H. Demetrio, same as in title no. 640.

638. —— Fungi exotici III. *Hedwigia*, XXV. 92–104. June, 1886.

Notes the occurrence of *Arthrosporium parasiticum*, Winter, in Florida.

639. —— Pilze: in Dr. L. Rabenhorst's Kryptogamen-Flora von Deutschland, Oesterreich und der Schweiz. Zweite Auflage. 8°. Band I. Erste Abtheilung, pp. 924, and index. *Schizomycetes*, *Saccharomycetes*, and *Basidiomycetes*. Leipsic. 1884. — Zweite Abtheilung, pp. 880. *Pyrenomycetes*. To be continued.

This well-known work is issued in parts, the first of which appeared in 1881. The complete first volume has the date 1884. Of the second volume, there had appeared prior to 1887, 800 pages, and the volume is not yet completed. The work is illustrated with numerous woodcuts of the genera and one colored chart. Occasional references are made to American writers in the synonymy.

—— *and* **Demetrio**, C. H.

640. Beiträge zur pilzflora von Missouri. Series I. *Hedwigia*, XXIV. 177–214 (1–37). Oct. 1885.

An enumeration of 350 species, with host-plants and synonymy in some cases, 25 of the species described as new, one attributed to Bresadola. See title no. 637.

Woronin, Max.

641. Beitrag zur kenntniss der *Ustilagineen*. 4°. pp. 35. Pl. 4, partly colored. Frankfort. 1882.

This paper forms the fifth part of "Beitraege zur Morphologie und Physiologie der Pilze," by De Bary and Woronin. *Sorosporium Astragali*, Peck, and *S. Desmodii*, Peck, are referred to the genus *Thecaphora*.

Wyman, Jeffries. Chelmsford, Mass., 11 Aug. 1814. †Bethlehem, N. H., 4 Sept. 1874.

—— *and* **Berkeley**, M. J.

642. On a minute fungus, *Podisoma macropus*, growing on *Juniperus Virginiana* in North America, by Dr. Wyman in a letter addressed to Sir W. J. Hooker; with some additional remarks by the Rev. M. J. Berkeley. *London Jour. Bot.* IV. 315–319. Pl. 12. Fig. 6. 1845.

A letter, with an account of gross and microscopic characters of the common cedar apple of New England, with figure of the fungus, *Podisoma macropus*, and a note by Berkeley on its botanical relations.

Zabriskie, Jeremiah Lott. Flatbush, L. I., 3 Feb. 1835.

643. A caterpillar fungus from New Zealand and some related species of the United States. *Jour. N. Y. Micr. Soc.* I. 89–94. Fig. 1–6. April, 1885.

Includes descriptions and figures of *Torrubia militaris*, *T. Ravenelii*, and *T. clavulata* of the United States.

644. —— Fruit of the fungus *Uncinula flexuosa*, Peck, on leaves of the horse-chestnut. *Jour. N. Y. Micr. Soc.* II. 144, 145. Dec. 1886.

645. —— Fruit of the fungus *Microsphaera extensa*. *Jour. N. Y. Micr. Soc.* II. 149, 150. Dec. 1886.

ADDENDA.

Bail, Theodor. See **Nees von Esenbeck**, T. F. L.

Bischoff, Gottlieb Wilhelm. Durkheim, 1797. †Heidelberg, 11 Sept. 1854.

646. Lehrbuch der botanik. 8°. Vol. I.–III., and supplement. Stuttgart. 1834–1840.

Portion of "Naturgeschichte der drei Reiche." The plates which belong to this work form a separate quarto, the index being in vol. II. Pl. 7, fig. 173, represents *Mitremyces cinnabarinus*.

Brendel, F. Add to title no. 76: List of species also given in the *Pharmacist*, XV. 263–268, 291–299. July, Aug. 1882.

Catesby, Mark. 1680. †London, 23 Dec. 1749.

647. The natural history of Carolina, Florida, and the Bahama Islands. f°. Vol. I., II. London. 1731–43. 2d ed. 1754. 3d ed. 1771.

Vol. I. pl. 36, has a figure called "fungoides capitulo intorto, Toad stool," not recognizable.

Copeland, Robert Morris.

648. Edible fungi. *Atlantic Monthly*, XXXI. 223–229. Feb. 1873.

Popular article on the subject, without special reference to American species.

Crozier, Arthur Alger. Georgetown, Ottawa Co., Mich., 22 Sept. 1856.

649. Notes on black-knot. *Bot. Gas.* X. 368, 369, Sept. 1885; and *Jour. Myc.* I. 142.

Remarks on the date of the ripening of the spores in this species.

Duggan, J. R. See **Sedgwick**, W. T.

Hubbard, Henry Guernsey. Detroit, Mich., 6 May, 1850.

650. Insects affecting the orange. Report on the insects affecting the culture of the orange and other plants of the *Citrus* family, with practical suggestions for their control or extermination, made, under the direction of the Entomologist, by H. G. Hubbard. *U. S. Dept. Agr. Division of Entomology*. 8°. pp. x. 227. Pl. 14. Washington. 1885.

In the introduction, pp. 1–4, pl. 2, is a notice of die-back, bark-fungus, foot-rot, and smut, due to the growth of fungi.

Osborn, Herbert.

651. An epidemic disease of *Caloptenus differentialis*. *Am. Nat.* XVII. 1286, 1287. Dec. 1883.

Account of a disease caused by *Entomophthora Caloptent*, Bessey, with a note by C. V. Riley. Paper first read before the Iowa Academy of Science, 27 Sept. 1883. See title no. 63, where p. 1286, which belongs to present title, is incorrectly cited.

Ott, Isaac. Northampton Co., Pa., 30 Nov. 1847.

652. Poisonous mushrooms. *Jour. of Nervous and Mental Diseases*, IV. 48–53. Chicago. Jan. 1877.

A general account of the toxicological action of fungi, including experiments on the action of muscarin, especially those of Smiedeberg.

Peck.

653. Catalogue of the United States plants in the Department of Agriculture.

The above is the title of a very rare pamphlet found in a few libraries. It has no value except as a literary and botanical curiosity. The author was at one time employed as botanist at the United States Agricultural Department, and prepared a list of plants, pp 27, which was distributed as a circular, but was never printed in any government publication. It is said to have been suppressed in consequence of the very numerous errors it contains. On pp. 26, 27 is a list of 72 fungi, apparently from Missouri, 31 of them said to be new species. There is no title-page, and the date, which is not printed but written, is Nov. 1, 1866.

CORRIGENDUM.

In place of the note following title no. 174, substitute the following title:—

174ª. Icones Fungorum hucusque cognitorum. Abbildungen der pilze und schwaemme. f°. Vol. I.–VI. Prague. 1837–1854.

A work with figures and descriptions of many species of fungi. Vol. VI., published after Corda's death, was edited by J. B. Zobel, and contains a small number of species from North America. A considerable part of the edition of the first five volumes was destroyed in the great fire at Prague, and complete sets of the original edition are now very rare. The remaining copies of vol. VI. were purchased by R. Friedlaender & Sohn, of Berlin, who have reproduced the first five volumes by photo-lithography, and most copies now offered for sale have only the sixth volume of the original edition.

SUPPLEMENT.

FUNGI EXSICCATI AM.-SEPTENTRIONALIS, A LIST OF PUBLISHED SETS OF DRIED FUNGI, WHICH INCLUDE SPECIMENS FROM THE UNITED STATES.

Fungi Caroliniani Exsiccati. Fungi of Carolina, illustrated by natural specimens of the species by H. W. Ravenel. Fasc. 1, 1852; 2, 1853; 3, 4, 1855; 5, 1860. Charleston, S. C.

Each fasciculus contains 100 specimens, bound in quarto, with a systematic index; and 5 contains an alphabetical index of the whole series. Each fasciculus is numbered separately. Only 30 copies of this series were issued and complete sets are now very rare. The specimens were mostly collected by Ravenel himself, and M. A. Curtis aided in the determination of species. For notices of this work, see *Am. Jour. Sci. Arts*, XVI. 2 ser. 129; XVII. 285; XX. 284; XXIII. 439; and Charleston *Med. Jour. and Rev.* VII. 690 *et seq.*

Fungi Americani Exsiccati. H. W. Ravenel and M. C. Cooke. Cent. 1–8. 1878–1882.

This work includes fungi collected by Ravenel principally in South Carolina, Georgia, and Texas. The specimens were determined by Cooke and issued in centuries on loose sheets of quarto size, 4 specimens on each sheet, similar in form to *Fungi Britannici*, 2d edition. About 30 sets were issued, the place of publication being London. The centuries were issued two at a time, as follows: 1 and 2, 1878; 3 and 4, 1879; 5 and 6, 1881; 7 and 8, 1882. There are no indexes accompanying the centuries, but an enumeration of the species, with comments and descriptions of the new species in this series, will be found as follows: *Grevillea*, VI. 129–146; VII. 32–35, 43–54; XI. 106–111; XII. 22–33; — *Hedwigia*, XVII. 37–40; — *Britten's Jour. Bot.* XXI. 67–71, 106–110, 136–139; — *Jour. Roy. Hort. Soc.* V. new series, 92. See titles here given, nos. 129, 135, 154.

North American Fungi. Edited and published by J. B. Ellis. Newfield, N. J. Cent. 1–15. 1878–1885.

Second Series. Edited and published by J. B. Ellis and B. M. Everhart. Cent. 16, 17. Newfield. 1886. To be continued.

This series contains specimens bound in quarto form, with an index to each century. There is also an "Alphabetical Index of Cent. 1–10," 7 pages, prepared by W. C. Stevenson, an "Alphabetical Index of Cent. 1–15," compiled by B. M. Everhart, and an "Index of habitats" of Cent. 1–10, compiled and published by W. C. Stevenson. Two centuries have been issued annually, and the edition, which consists of 50 copies, has up to present date all been sold.

Cent. 3, 11, 15 contain principally *Uredineae*, *Ustilagineae*, and *Peronosporeae*. For review, see title no. 279. Cent. 1, 5, 9 are principally *Ascomycetes*. Cent. 12 and 17 largely *Septoriae*, *Phyllostictae*, and their allies. Cent. 13 and 16, *Cercosporae*, *Ramulariae*, and related genera. See reviews as follows: *Hedwigia*, XIX. 124; XX. 100; XXI. 110; XXII. 124; XXV. 44; — *Am. Nat.* XV. 652; XVII. 873; — *Jour. Myc.* I. 83. See title no. 22. Notices of this series, with lists of new species, also given in current numbers of *Revue Mycologique*.

Herbarium Vivum Mycologicum sistens fungorum per totam Germaniam crescentium collectionem perfectam.

This series of fungi exsiccati includes 20 centuries, of which the first was issued at Berlin in 1832, by J. F. Klotzsch. A notice of the first fasciculus appeared in *Linnaea, Litteratur-Bericht für* 1833, p. 17. Two parts were issued by Klotzsch, but the remaining parts were issued by L. Rabenhorst under the title "Klotzschii Herbarium vivum mycologicum," etc. Dresden. 1842–1855. For notice of Rabenhorst in connection with this series, see *Linnaea*, 1842, pp. 333, 334. The centuries issued by Rabenhorst are bound in quarto covers. There appeared two indexes: "Index in Klotzschii Herbarium vivum mycologicum," Cent. 9; and "Index alphabeticus et conspectus systematicus in Klotzschii herbarium mycologicum," curante Ludovico Rabenhorst, pp. 12, 1851, including the first 14 centuries. Complete copies of this series are very rare, and very few have the first three centuries complete, since, apparently, the specimens of the first two centuries at least had the specimens loose and not bound like the later centuries.

Klotzschii Herbarium Vivum Mycologicum, etc. Editio nova, cura Dr. L. Rabenhorst. Cent. 1–8. Dresden. 1855–1858.

A continuation of the previous series and similar in form. An index on a loose sheet with each century.

N. B. At some subsequent period what purported to be sets of this series were sold by Rabenhorst, but the species do not correspond to those of the original issue. The title-pages of these spurious sets bear dates from 1845 to 1859, without any regular order, and are evidently nothing but old titles left over from this and the preceding series.

Fungi Europaei Exsiccati. Klotzschii herbarii vivi mycologici continuatio. Editio nova. Series secunda. Cent. 1–36. Dresden. 1859–1886. To be continued.

A continuation of the preceding and of the same form. Previous to Cent. 27 there were no indexes, since then an alphabetical index bound with each century. This series was edited by Rabenhorst until his death and since then, beginning with Cent. 27, the editor has been G. Winter. At the same date the title was changed to "Fungi Europaei et Extraeuropaei." With Cent. 21, the numbering of the title-pages began again with 1, the number of the whole series being also retained; and it is by this latter number that the centuries are designated. Although the title-pages bear the name Dresden, the later centuries have in reality been issued from Leipsic. The number of copies issued is somewhat over 100.

N. B. What is sometimes offered for sale as Klotzsch's Herbarium vivum includes only the Fungi Europaei. In many sets Cent. 26, which was in preparation at the time of Rabenhorst's death but not issued until later, is either wanting or imperfect. The only part of the whole series which contains American specimens is that from Cent. 27 on. The following notices of the centuries in which American numbers occur may be consulted in *Hedwigia*. Cent. 27, 4 species from United States, vol. XXI. 5–12; Cent. 28 and 29, 8 species, vol. XXII. 9–15; Cent. 30, 37 species, vol. XXII. 173–176, 180–185; Cent. 31 and 32, 53 species, vol. XXIII. 164–175; Cent. 33 and 34, 88 species, vol. XXIV. 252–264; Cent. 35 and 36, 99 species, vol. XXV. 257–263; XXVI. 24–35.

Ascomyceten. In getrockneten exemplaren herausgegeben von Dr. Med. Rehm. Fasc. 1–17. Nos. 1–850. Regensburg. 1873–1885. To be continued.

Each fasciculus of this series is composed of 50 specimens contained in loose envelopes or boxes, and only 25 copies were issued. The following numbers are from the United States, collected principally by J. B. Ellis: 269, 287, 303, 307, 310, 311, 314, 315, 316, 318, 325, 329, 337, 338, 347, 360, 361, 363, 364, 369, 381, 394, 423, 431, 438, 441, 446, 447, 464, 465, 473, 522, 609, 770, 822, 845, 846, 849.

For notes on species in this collection, see title no. 518. Also, see Winter, "Diagnosen und Notizen zu Rehm's Ascomyceten," in *Flora*, LV. (XXX.) 508–511, 523–527, and 542–544. Also, *Grevillea*, II. 157, V. 37, etc. Enumeration of species in the earlier fasciculi are given in *Flora*, 1873, 1874, 1875.

Mycotheca Universalis cura F. de Thuemen. Cent. 1–23. 1875–1884.

A collection of specimens in envelopes attached to loose sheets with quarto covers. Cent. 1–5 were issued at Baireuth, 6–18 at Klosterneuburg, 19–22 at Vienna, and 23 at Görz. There was an alphabetical index of the species in Cent. 1–12, 8°, pp. 35, issued in 1879.

There are specimens from the United States in each of the centuries, in all 310 species, and to some of their labels are

added descriptions and notes, which are also given in *Flora* under the heading "Diagnosen zu Thuemen's Mycotheca Universalis," as follows: 1876, 203–208; 1877, 169–174, 204, 208; 1878, 87–94, 104–112; 1879, 94–96, 103–110, 123–128, 137–139; 1880, 312, 322, 323–332; 1881, 237–239, 251–255, 266–272, 297–303. See notice of Cent. 1 and 2 in *Torr. Bull.* VI. 47–48, and of Cent. 13 and later parts in *Rev. Myc.* 1879 *et seq., Am. Nat.* XVI. 321.

Herbarium Mycologicum Oeconomicum. Die für die land-, forst -und hauswirthschaft, den gartenbau und die industrie schädlichen resp. nützlichen pilze in getrockneten exemplaren. Edited by F. von Thuemen. Fasc. 1–15. Nos. 1–750. Teplitz, Baireuth, Klosterneuburg. 1872–1880.

We have not seen this collection, which includes a small number of species from the United States, collected by Ellis, Peck, and Ravenel.

Fungi Gallici Exsiccati. Edited by C. Roumeguère. Cent. 1–40. Toulouse. 1879–1886. To be continued.

This collection includes specimens attached, generally in envelopes, to loose sheets with quarto covers. There is an "Index alphabétique des genres, espèces et synonymes des Fungi Gallici Exsiccati, Cent. 1–25, 1879–1883," taken from *Revue Mycologique*, V. 137–164. July, 1883. The following numbers of this collection are from the United States: 2006, 2097, 2327, 2330, 2390, 2429, 2453, 2465, 3412, 3413, 3414, 3421, 3470, 3478, 3595, 3839, 3840, 3841, 3842, 3845, 3859, 3860, 3861, 3862, 3864, 3865, 3866, 3867, 3873, 3876, 3877, 3879, 3881, 3882, 3921, 3926, 3927, 3961, 3976, 3977, 3994, 4000. Notices of the species in this collection are given in the current numbers of the *Revue*. Those of the numbers from the United States are as follows: IV. 96–105; V. 6–30; VII. 215–224; VIII. 14–23, 190–200; IX. 19–29.

Library of Harvard University.

BIBLIOGRAPHICAL CONTRIBUTIONS.

EDITED BY JUSTIN WINSOR,
LIBRARIAN.

No. 26.

THE CARLYLE COLLECTION.

A CATALOGUE OF BOOKS
ON
OLIVER CROMWELL AND FREDERICK THE GREAT
BEQUEATHED BY THOMAS CARLYLE TO HARVARD COLLEGE LIBRARY.

BY WILLIAM COOLIDGE LANE.

CAMBRIDGE, MASS.:
Issued by the Library of Harvard University.
1888.

Already issued or in preparation:

A Star prefixed indicates they are not yet ready.

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2. JUSTIN WINSOR. Shakespeare's Poems: a Bibliography of the Earlier Editions.
3. CHARLES ELIOT NORTON. Principal books relating to the Life and Works of Michelangelo, with Notes.
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5. LIST OF APPARATUS in different Laboratories of the United States, available for Scientific Researches involving Accurate Measurements.
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19. JUSTIN WINSOR. The Kohl Collection of Early Maps.
20. WILLIAM C. LANE. Index to Recent Reference Lists, no. 1. 1884–1885.

VOL. II.

21. A LIST OF THE PUBLICATIONS of Harvard University and its Officers, 1880–1885.

*22. JUSTIN WINSOR. Calender of the Sparks Manuscripts in Harvard College Library.

23. WILLIAM H. TILLINGHAST. List of the Publications of Harvard University and its Officers, 1885–1886.
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25. W. G. FARLOW and WILLIAM TRELEASE. List of Works on North American Fungi.
26. WILLIAM C. LANE. The Carlyle Collection.
27. ANDREW McF. DAVIS. A few notes on the Records of Harvard College.
28. WILLIAM H. TILLINGHAST. List of Publications of Harvard University and its Officers, 1886–1887.
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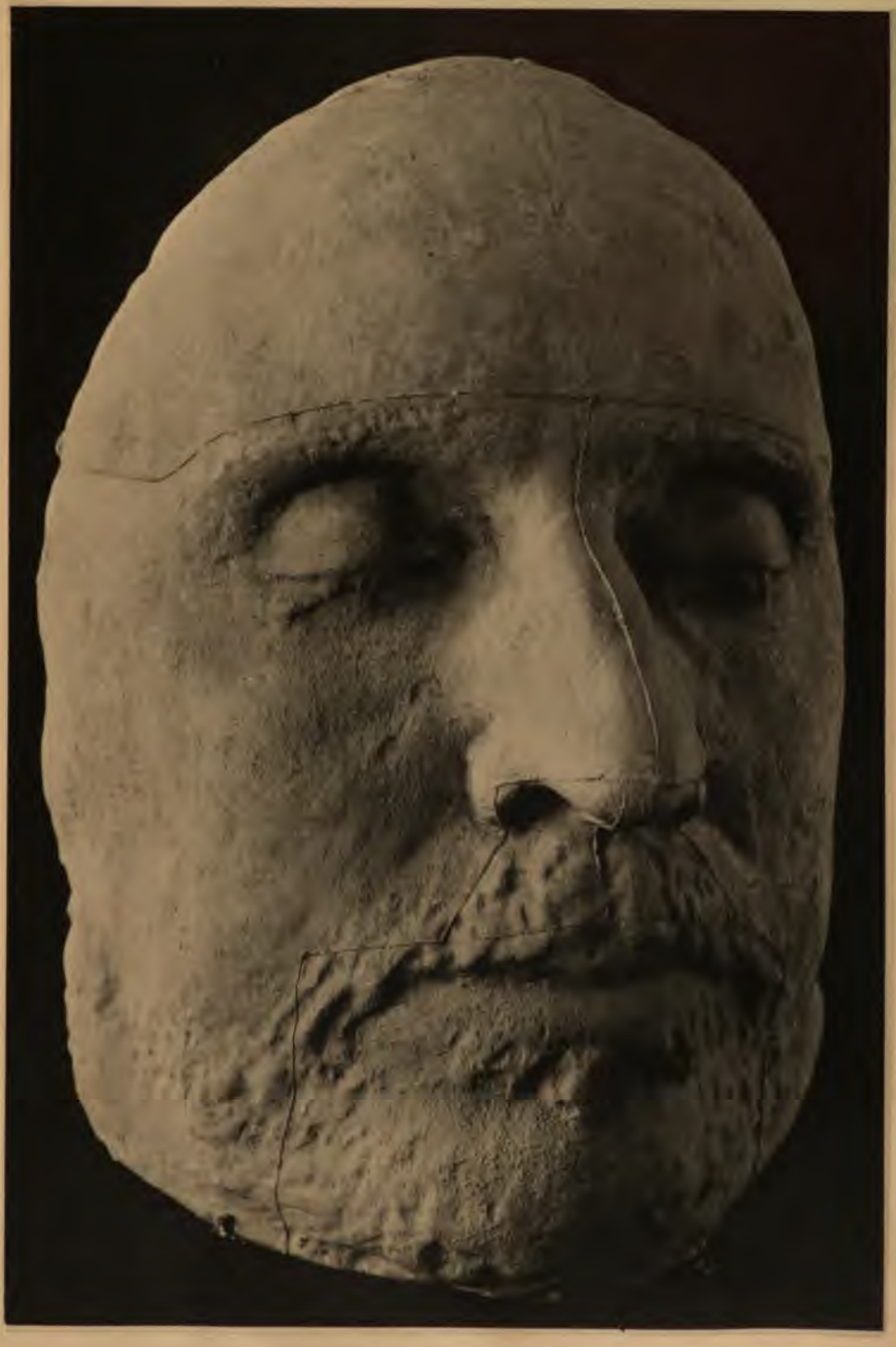

THE CARLYLE COLLECTION.

By WILLIAM COOLIDGE LANE.

Catalogue Department, Harvard College Library.

*** This collection, including what Mr. Carlyle called his Cromwell and Frederick the Great books, was left to this library in Mr. Carlyle's will, dated Feb. 6, 1873. The books were received July 11, 1881. Mrs. S. A. C. Bond and Miss M. H. Pope of the library staff have assisted in compiling the following catalogue. References are to the Collected works, in 16 volumes. London, *Chapman and Hall.* 1858–71.

I.

Oliver Cromwell.

"Bewildered, interminable rubbish-heaps of the Cromwellian Histories; the dreariest perhaps that anywhere exist, still visited by human curiosity, in this world."—*Miscellanies*, iv. 224.

"To dwell on or criticise the particular *Biographies* of Cromwell would profit us but little. Criticism of these poor Books cannot express itself except in language that is painful. They far surpass in 'stupidity' all the celebrations any Hero ever had in this world before. They are in fact worthy of oblivion,—of charitable Christian *burial*."—*Cromwell*, i. 11.

[**Akerman,** John Yonge, *editor.*] Letters from roundhead officers written from Scotland and chiefly addressed to Capt. Adam Baynes, July, 1650–June, 1660. Edinburgh. 1856. 4°. (Bannatyne club. [Publications, 108.]) Carl. 13

"The principal correspondents are, Capt. Robert Baynes, a brother of Adam Baynes; Cornet John Baynes, his cousin, a commissary, and afterwards receiver-general in Scotland; and Cornet Joseph Pease. There are also some letters of Gen. Lambert and his wife, and of Col. Robert Lilburne. The entire collection of these papers has been presented by the Rev. Adam Baynes to the British museum."—*Preface.*

Baillie, Robert. Letters and journals. 1637–62. Edited by D. Laing. 3 vol. Edinburgh. 1841–42. l. 8°. Carl. 12

An extra impression for general sale of the edition published by the Bannatyne club.

Presentation copy by the editor, containing MS. memoranda and frequent marginal notes and references by Carlyle.

"The Journals contain a history of the General assembly at Glasgow, in 1638; an account of the earl of Strafford's trial; the transactions of the General assembly and parliament, in 1341; and the proceedings of the General assembly, in 1643."—*Biog. Brit.*, 2d ed., i. 515.

Reviewed by Carlyle in his *Miscellanies*, iv. 223–248. He says,—

"His copious loquacity, by good luck for him and for us, prompted Baillie to use the pen as well as the tongue. A certain invaluable 'Reverend Mr. Spang,' a cousin of his, was Scotch minister at Campvere, in Holland, with a boundless appetite to hear what was stirring in those days; to whom Baillie, with boundless liberality, gives satisfaction. He writes to Spang, on all great occasions, sheet upon sheet; he writes to his Wife, to the Moderator of his Presbytery, to earls and commoners, to this man and to that; nothing loth to write when there is matter. Many public Papers he has been at the pains to transcribe; but what to us is infinitely more interesting, he had taken the further trouble to make copies of his own letters.

"Poor Baillie is no epic singer or speaker,—the more is the pity! His Book is like the hasty, breathless, confused *talk* of a man, looking face to face on that great whirl of things. A wiser man—would have talked *more* wisely! But, on the whole, this man too has a living heart, a seeing pair of eyes; above all, he is clearly a veracious man; tells Spang and you the truest he has got to tell, in such a bustling hurry as he is... A peaceable, 'solid-thinking, solid-feeding,' yet withal clear-sighted, diligent and conscientious man."

The library has also the edition of the same date, forming nos. 72 and 77 of the publications of the Bannatyne club [9451.5]; and the edition of 1775 [9454.28].

[**Bate,** George.] Elenchvs motvvm nvperorvm in Anglia; simul ac jvris regii et parlamentarii brevis enarratio.. Francofvrti ad Maenvm. 1650. 4°. Carl. 32

Carlyle speaks of this work as a "loose-tongued *History of the Troubles*, redacted in after times." *Cromwell*, ii. 274. He quotes from the English translation.

The library has also two copies of the edition of 1676, which contains the 3d part or *Motus compositi* of Thomas Skynner [4465.26; 4465.27] and Level's translation, *The troubles of England*, 1685 [4465.32].

Calderwood, David. The true history of the church of Scotland, from the beginning of the reformation, unto the end of the reigne of King James VI. n. p. 1678. f°. Carl. 15

This, the first edition mentioned by Allibone, Lowndes and Watt, is a mere abridgment from the author's MS. history, which was afterwards published complete by the Wodrow society, 1842–49, 8 vol. 8°. The *Biog. brit.* mentions an edition "printed in 1618, f°, without the printer's name or the place." Chambers, *Biog. dict.*, i. 449 and Anderson, *Scottish nation*, i. 531 speak of an edition printed in 1646 under the authority of the General assembly.

With a few MS. notes by Carlyle. On the fly-leaf are the autographs "Robert Arnott his Book 1762" and "G. L. Craik Nov. 1816, St. Andrw's." The title-page also bears the name of "Robert Arnot."

The library has also the edition of 1680.

Camden, William. Britain, or A chorographicall description of England, Scotland, and Ireland, and the islands adjoyning, out of the depth of antiquitie: written first in Latine. Translated into English by Philémon Holland: finally, revised, amended, and enlarged by the said author. London. 1637. f°. Carl. 4

With a few MS. marginal notes.

On the title-page is the autograph "T. Carlyle (Chelsea, 1842)" and on the fly-leaf "T. Carlyle (Chelsea, 1858)."

The library has another copy of this edition [8491.4]; also, the Latin editions of 1590 [8496.5], of 1600 [8496.7], and of 1607 [8491.12]; and the English translation by Gibson, 1722 [8491.6], and 1772 [8491.9].

Collins, Arthur. The peerage of England: containing a genealogical and historical account of all the peers of England. 2d ed., enlarged, and corrected. 4 vol. London. 1741. 8°. *Coats-of-arms.* Carl. 16

—— Supplement. Containing a succession of the peers from 1740. 2 vol. (paged continuously). London. 1750. 8°. *Coats-of-arms.* Carl. 16a

With many MS. marginal notes, and a MS. index in the front of vol. i., partly in Carlyle's hand. On the first fly-leaf is written, "T. Carlyle Chelsea (*circa* 1844) very useful Book; definable as the *only* 'History' of Engld we yet have,—such as it is (Octr 1865)."

The work was first published in 1709. Of the 2d edition (1710–14) the library has vol ii. pt. 1, 2 [10495.4]. It was republished on an extended scale in 1735; the 2d edition of this is the above. The library has also the 5th edition, 1779, 8 vol., with supplemental volume, 1784 [10495.10], and the 6th edition, continued by Sir E. Brydges, 1812, 9 vol. [10495.13].—See Bohn's *Lowndes*, i. 498.

Cooper, Charles Henry. Annals of Cambridge [England]. Vol. i.–iii. Cambridge. 1842–45. 8°. Carl. 10

Vol. iii. brings the history down to 1688. Two more volumes, according to Anderson's *Book of British topography*, were published in 1852–53.

In vol. iii. are a few MS. marginal notes.

Cromwell, Oliver. The life of Oliver Cromwel, lord protector of the common-wealth of England, Scotland, and Ireland. [*Anon.*] London. N. D. 24°. *Port.* Carl. 20

On the fly-leaf is the autograph "T. Carlyle, Chelsea, 1856 (from E. Fitzgerald)."

Of a chap-book character (also indicated by the catalogue of books at the end, sold by Midwinter, the publisher), and seemingly published between Cromwell's death and the restoration, 1658–60.

D'Alton, John. Illustrations, historical and genealogical of King James's Irish army list, (1689). Dublin. 1855. 8°. Carl. 9

With a few MS. marginal notes.

Great Britain — *Parliament.* (1547–1667.) *House of commons.* Journals. From Nov. 8th, 1547 to July 29th, 1667. [Vol. i.–viii. London.] 1803. f°. Carl. 2

—— A general index to the first seven volumes. 1547–1659. Compiled by T. Cunningham. [London.] 1803. f°. Carl. 2^a

Gwynne, *or* **Gwyn,** John. Military memoirs of the great civil war. [With prefatory letters.] And an Account of the earl of Glencairn's expedition in the highlands of Scotland, in 1653 & 1654. By a person who was eye and ear witness to every transaction. With an appendix. [Edited, with an introduction, by Sir Walter Scott.] Edinburgh, *etc.* 1822. 4°. Carl. 14

500 copies printed.

"The account of Glencairn's expedition is said to have been compiled by John Graham of Duchrie, one of the most distinguished gentlemen who joined him in the undertaking." The appendix contains "extracts from what may be called the gazettes of the period, the dispatches, namely, from Scotland, which appeared from time to time in the Public intelligencer, by which the Protector informed his subjects of occurrences in his usurped dominions."— See *Introduction.*

With the book-plate of Thomas Carlyle; and the autograph of his brother J[ohn] A[itken] Carlyle.

[**Heath,** James. A brief chronicle of the civil wars of England, Scotland, and Ireland, from 1637 till 1662.] 4 pt. in 1 vol. [London. 1663?] sm. 8°. Carl. 33

The title is taken from p. 1 of the text. The title-page is wanting and many pages of the text, also all the portraits except one of Charles I. (pasted on a fly-leaf) and the frontispiece. See Bohn's *Lowndes*, ii. 1023. On the fly-leaf is written "Thomas Carlyle. Chelsea, 29 Septr, 1842."

Carlyle, after speaking of the *Flagellum* of Heath, says of this,— "Another wretched old Book of his, called *Chronicle of the Civil Wars*, bears a high price in the Dilettante Sale-catalogues; and has, as that *Flagellum* too has, here and there a credible trait not met with elsewhere: but in fact, to the ingenuous inquirer, this too is little other than a tenebrific Book; cannot be read except with sorrow, with torpor and disgust, — and in fine, if you be of healthy memory, with *oblivion*. The latter end of Heath has been worse than the beginning was!" *Cromwell*, i. 12.

The library has also the edition of 1676, f°, with a continuation to 1673, by John Philips, also imperfect. 4461.5

Henderson, Alexander. Sermons, prayers, and pulpit addresses, 1638. Edited from an original MS. by R. T. Martin. [With a memorial by Robert Wodrow.] Edinburgh. [1867.] 8°. Carl. 30

"Who it was that penned the MS. there is no means of knowing. Most probably he was a resident in St. Andrews. But whoever he was, he appears to have executed his task with exemplary fidelity and accuracy." *Preface*, p. vi.

Hughes, William. An exact abridgment of publick acts and ordinances of parliament, 1640 to 1656. London. 1657. 4°. Carl. 31

With the book-plate of Augustus Frederick, duke of Sussex.

[**Kimber,** Isaac.] The life of Oliver Cromwell. Impartially collected from the best historians. London. 1724. 8°. Carl. 26

This book has been ascribed to Bishop Gibson and to Sir Thomas Pengelly.

With many MS. notes. Opposite p. 6 is pasted a sheet with corrections, at the head of which is written, "I used to think this a book of some respectability: it seems no better than the others; hereabouts there is an error in almost every line of it!"

"Distinguished by a not intolerable Portrait. It went through several editions in a pure state; and I have seen a 'fifth edition' with foreign intermixtures, 'printed at Birmingham in 1778,' on gray paper, seemingly as a Book for Hawkers.

"[Kimber] has diligently gathered from old Newspapers and other such sources; narrates in a dull, steady, concise, but altogether unintelligent manner; can be read without offence, but hardly with any real instruction. Image of Cromwell's self there is none, express or implied, in this Book; for the man himself had none, and did not feel the want of any." *Cromwell*, i. 14.

The library has two other copies. 4453.8; 4453-9

Ludlow, Edmund. Memoirs. 2d ed. 3 vol. London. 1722, '21, '20. 8°. Carl. 25

Vol. i. and ii. are paged continuously; vol. iii. contains "a collection of original papers, serving to confirm passages of this and the preceding volumes."

Carlyle continually speaks of his "solid wooden head." "Adieu, my solid friend; if I go to Vevay, I will read thy Monument there, perhaps not without emotion, after all!—" *Cromwell*, iii. 373.

The library has also the original edition published at Vivay, 1698–99 [4464.9]; and the London editions of 1751, 8^a [4461.15], and of 1771, 4^a [4461.16]. A few "suppressed passages" are found in Cooper's *Memoirs*, 1859, 8°, pp. 108–129 [4452.10].

[**Masères,** *or* **Masères,** Francis, *editor.*] Select tracts relating to the civil wars in England, in the reign of Charles I.: by writers who lived in the time of those wars, and were witnesses of the events which they describe. 2 vol. (paged continuously). London. 1815. 8°. Carl. 8

Contents: — I. MAY, Thomas. A breviary of the history of the parliament of England. Reprinted from the 1st ed., 1655. — LILLY, William. Several observations on the life and death of King Charles I. 1651. — HOLLES, *or* HOLLIS, Denzil, *1st Baron.* Memoirs from the year 1641 to 1648. — WALKER, Clement. Relations and observations, historical and politick, upon the parliament begun Anno Dom. 1640. [Book i. only, "The mystery of the two juntoes," is here reprinted.]

ii. BERKLEY, *Sir* John. Memoirs containing an account of his negotiation with Cromwell, Ireton, and other officers of the army for restoring King Charles I. 1699. — HUNTINGTON, Robert. Sundry reasons inducing him to lay down his commission. Presented to parliament Aug. 2d, 1748 [1648]. — FAIRFAX, Thomas, *3d Baron.* Short memorials. 1699. — HOBBES, Thomas. Behemoth: The history of the causes of the civil wars of England, from 1640 to 1660. — FELL, John(?) The interest of England stated; or, A faithful and just account of the aims of all parties now pretending. 1659. — PRICE, John. The mystery and method of His Majesty's happy restauration, laid open to publick view. 1680. — MILTON, John. Reflections on the civil war in England.

With a few MS. marginal notes.

Referring to Holles' *Memoirs*, Walker's *History*, and others, Carlyle says, "The old Narratives, written all by baffled enemies of Cromwell, are full of mere blind rage, distraction, and darkness." *Cromwell*, i. 220.

Berkley's *Memoirs*, he says, is "properly a Pleading, intended to clear the Writer of all blame in the first place." *Cromwell*, i. 244, *note.*

Another copy. 4462.22

Neal, Daniel. The history of the puritans or protestant non-conformists. 2d ed. 2 vol. London. 1754. 4°. Carl. 7

With MS. memoranda, and occasional MS. marginal notes. Inserted between pp. 392 and 393 is a letter from Sam. Aitken to Carlyle, dated March 16, 1846, concerning the location of Lang Niddery, near Musselburgh, where Cromwell's army encamped before the battle of Dunbar. See *Cromwell*, ii. 164. On the fly-leaf is a book-plate with the initials "J. D." The same initials are stamped on the outside of the cover.

The library has another copy of this edition; also a London edition, 1732–38, and an American edition, 1816–17.

Nicolas, *Sir* Nicholas Harris. A synopsis of the peerage of England; exhibiting, under alphabetical arrangement, the date of creation, descent, and present state of every title of peerage which

has existed in this country since the conquest. 2 vol. (paged continuously). London. 1825. sm. 12°. **Carl. 19**

With autograph, "T Carlyle, Chelsea, 1842," and a few MS. marginal notes.

The library has another copy [10497.29]; also a new edition by W. Courthope, with the title, *Historic peerage of England*. 1857 [A 52.3].

Noble, Mark. Memoirs of the protectoral-house of Cromwell. 3d ed. 2 vol. London. 1787. 8°. **Carl. 27**

With very many MS. notes and corrections; also, lists of Oliver's children and of Oliver's uncles, in substance as they appear printed in *Cromwell*, i. 20 and 54; and two letters, one from Henry —— in regard to the entry of Henry Cromwell in the admission book at Gray's Inn (see *Cromwell*, i. 34), the other from John Bruce, dated 23 June, 1851, in regard to a portrait of Cromwell at Rose Hall in Suffolk (see Noble, ii. 329).

"Poor Noble has amassed a large heap of evidences and assertions, worthless and of worth, respecting Cromwell and his Connexions; from which the reader, by his own judgment, is to extract what he can. For Noble himself is a man of extreme imbecility; his judgment, for most part, seeming to lie dead asleep; and indeed it is worth little when broadest awake. He falls into manifold mistakes, commits and omits in all ways; plods along contented in an element of perennial dimness, purblindness; has occasionally a helpless broad innocence of platitude which is almost interesting. A man indeed of extreme imbecility, to whom, nevertheless, let due gratitude be borne. His Book, in fact, is not properly a Book, but rather an Aggregate of bewildered jottings; a kind of Cromwellian Biographical Dictionary, *wanting* the alphabetical, or any other arrangement or index. Such as it is, this same Dictionary without judgment and without arrangement, 'bad Dictionary gone to pie,' as we may call it, is the storehouse from which subsequent Biographies have all furnished themselves. For the rest, this poor Noble is of very impartial mind respecting Cromwell; open to receive good of him, and to receive evil, even inconsistent evil." *Cromwell*, i. 12.

The library has also the 1st edition, Birmingham, 1784. **4453-4**

Peerage of Ireland (The): a genealogical and historical account of all the peers of that kingdom Also, complete lists of the baronets, extinct peers, and chief governors of Ireland. Some account of the antient kings, &c. 2 vol. in 1. London. 1768. 8°. 141 *coats-of-arms*. **Carl. 18**

Peerage of Scotland (The): a genealogical and historical account of all the peers of that kingdom. With [an] account of all the attainted peers, and a list of those nobles whose titles are extinct. London. 1767. 8°. 96 *coats-of-arms*. **Carl. 17**

With a few MS. marginal notes.

Poems on affairs of state: from the time of Cromwell to the abdication of James II. [With a continuation; — State poems, from the time of Cromwel to 1697.] 4th ed., corrected and enlarged. [Vol. i.] N. P. 1702. 8°. **Carl. 35**

4 vol. were published, 1702-07. On the title-page is written, "E libris sum Thomae Astley," and on a fly-leaf in the same hand a poem of five verses beginning, "If I live to grow old as I find I go down, May this be my fate in a country town, *etc.*"

Puritan tracts and sermons. [228 sermons preached between 1640 and 1648 (a very few having been preached before or after these dates), before the houses of parliament on their monthly fast days and other public occasions.] 9 vol. sm. 4°. **Carl. 37-45**

With the autograph of John Sterling in each volume.

"The Fast-day Sermons of St. Margaret's Church, Westminster, in spite of printers, are all grown dumb! In long rows of little dumpy quartos, gathered from the book-stalls, they indeed stand here bodily before us: by human volition they can be read; but not by any human memory remembered. We forget them as soon as read; they have become a weariness to the soul of man. They are dead and gone, they and what they shadowed; the human soul, got into other latitudes, cannot now give harbor to them." *Cromwell*, i. 7.

Ricraft, Josiah. A survey of England's champions and truth's faithfull patriots. London. 1647 [reprinted 182-(?)]. 8°. 22 *portrs*. **Carl. 22**

A reprint of the rare original, but without indication of place or date. The water-mark of the paper is 1822. A second title-page (under which the work was re-published in 1649) reads: "The civill warres of England briefly related from 1641. Collected by John Leycester. London. 1649."

Carlyle says in a note at the foot of the first page, — "This Book, reprinted when, where, or how I cannot learn, seems to consist of *three* Books or parts of Books all stitched together: *Ricraft*, whose are the Portraits and Doggerel; *Leycester* (unknown to me) whose I take the Prose of the text to be (but see p. 121) [where at the end of the biographies Josiah Ricraft's name appears]; then thirdly of Notes which are all excerpted from ... A foolish cobblement. — I bought it at Tait's sale in ..." There are many other marginal notes and corrections; also the autograph, "Thomas Carlyle, Craigenputtoch, 1833."

For an account of the book see Collier, *Bibliogr. account of rarest books* (N. Y. 1866 ed.) iii. 321; *Bibl. grenvill.* p. 606; Lowndes, *etc.*

Rogers, Edward. Some account of the life and opinions of a fifth-monarchy-man. Chiefly extracted from the writings of John Rogers, preacher. London. 1867. 4°. **Carl. 28**

The library has another copy.

Sermons. [22 sermons preached on various occasions between March, 1610, and Feb. 1668, bound together in one volume.] **Carl. 36**

[**Sikes,** George.] The life and death of Sir Henry Vane, Kt. To which is added, His last exhortation to his children. [London.] 1662. sm. 4°. **Carl. 23**

On the fly-leaf is written, "Several difficulties attended the publication of this Work; it being twice taken in the press and two presses well furnished with materials destroyed. W. L."

With this are bound *The tryal of Sir Henry Vane*, and *Two treatises by Sir Henry Vane*.

"A man of endless virtues, says Dryasdust, who is much taken with him, and of endless intellect; — but you must not very specially ask, How or Where? Vane was the Friend of Milton: that is almost the only answer that can now be given. A man, one rather finds, of light fibre, this Sir Harry Vane. Grant all manner of purity and elevation; subtle high discourse; much intellectual and practical dexterity: there is an amiable, devoutly zealous, very pretty man; — but not a royal man; alas, no!" *Cromwell*, ii. 306.

Skinner, Thomas. The life of Gen. Monk; from an original manuscript. [Edited with] a preface in vindication of Gen. Monk's conduct, by William Webster. London. 1723. 8°. **Carl. 21**

Spalding, John. The history of the troubles and memorable transactions in Scotland, in the reign of Charles I. Aberdeen, *etc.* 1829. 8°. **Carl. 11**

First published in 1792, an abstract of the *Memorialls of the trubles in Scotland & in England*, which was published complete by the Bannatyne club, 1828; by the Maitland club, 1828-30; and by the Spalding club, 1850-51. The latter is said to be the only correct edition.

Stace, Machell, *compiler*. Cromwelliana. A chronological detail of events in which Cromwell was engaged from 1642 to his death, 1658; with a continuation, to the restoration. Westminster. 1810. f°. **Carl. 5**

Compiled from a "valuable collection of ancient newspapers and other documents." — *Preface*.

With many MS. marginal notes and separate memoranda. Attached to p. 25 is a bit of the original MS. of Carlyle's *Cromwell*. On one side are five lines which appear in vol. i. 189, and on the other the following passage written to follow Letter xxxii. on p. 190, but afterwards cancelled, — "This Letter itself is like 'the firing of about 200 shot'; one of the rapidest of Letters! Laconic as Sparta; — reminding us of rugged heart-of-oak, not a chip of *white-wood* left on it. A Letter really 'good of its kind.'"

The book is very frequently quoted by Carlyle.

Temple, *Sir* John. The Irish rebellion: or, An history of the attempts of the Irish papists to extirpate the protestants in the kingdom of Ireland. [To which is appended "A relation of the beginning and continuation of the Irish rebellion"; and "Se-

lect passages of Sir R. Musgrave's History of the rebellion in Ireland, in 1798." Edited by Francis Masères.] London. 1812. 4°. **Carl. 6**

With the autograph of J. A. Carlyle. On the fly-leaf is a MS. genealogical table of the Temple family.
The library has also the Cork edition, 1766. **9475.15**

Vane, *Sir* Henry. The tryal of Sir Henry Vane Kt. at Westminster, June the 2d and 6th, 1662. With what he intended to have spoken the day of his sentence, and his bill of exceptions. With other occasional speeches, &c. Also his speech and prayer, &c., on the scaffold. [London.] 1662. sm. 4°. **Carl. 23**

Bound with [SIKES, G.]. The life and death of Sir Henry Vane.

—— Two treatises: viz. i. An epistle general, to the mystical body of Christ on earth. ii. The face of the times. Both written in the time of his imprisonment. [London.] 1662. sm. 4°. **Carl. 23**

Bound with [SIKES, G.]. The life and death of Sir Henry Vane.

Verney, *Sir* Ralph. Verney papers. Notes of proceedings in the long parliament, temp. Charles I. Printed from original pencil memoranda taken in the house. Edited by John Bruce. London. 1845. 4°. (CAMDEN SOCIETY. [Publications], 31.) **Carl. 29**

On a fly-leaf is written, "T. Carlyle, Chelsea, 1845, (from the editor)."
Speaking of the committee appointed Feb. 1640–1, to reform religious abuses, Carlyle says: "Young Sir Ralph Varney, son of Edmund the Standard-bearer, has preserved very careful Notes of the theological revelations and profound arguments, heard in this Committee from Dr. Burgess and others; intensely interesting at that time to all ingenuous young gentlemen; a mere torpor now to all persons." *Cromwell*, i. 85.
Another copy. **Eng. Lit. 377**

[**Walker,** Clement.] Anarchia anglicana: or, The history of independency. With observations historicall and politique upon this present parliament. Together with the rise, growth, and practises of that faction. By Theodorus Verax. 2 pt. in 1. [London.] 1648–49. sm. 4°. **Carl. 34**

Prefixed to pt. 1 is "The mystery of the two junto's." Between pts. 1 and 2 is bound "Animadversions upon the armies remonstrance, delivered to the house 20 Nov. 1648." Pt. 2 is followed by "An appendix, being a brief description of some of Argyle's proceedings." A 3d part, — "The high court of justice," was written by the author while in prison, and published in 1651. A 4th part by "T. M." was published with the others in 1661. "The mystery of the two junto's" is reprinted in Masères' *Select tracts* [Carl. 8; 4462.22].

"A very splenetic old gentleman in gray, — verging towards Pride's Purge, and lodgment in the Tower, I think! He is from the West; known long since in Gloucester Siege; Member now for Wells; but terminates in the Tower, with ink, and abundant *gall* in it, to write the History of Independency there." *Cromwell*, i. 252.

The library has another copy [4474.10], containing all in this except "Animadversions upon the armies remonstrance," and in addition, pt. 3, 1660, and the "emblematical print of Cromwell directing the lopping of the royal oak of Britain," which is wanting in the Carlyle copy. Also *Historia independentiae*, a Latin translation of pt. 1, somewhat abridged and with slight additions published in a collection of similar tracts, *Sylloge variorum tractatuum*, London, 1649 [4465.4].

On p. 139 of vol. ii. where mention is made of the *Eikon basilike* of Charles I., a pencil note by Carlyle referring to this reads,—"shewing him (had it been *he*, which palpably it was not), to have been the most perfect Pharisee, insane Canter, and shovel-hatted Quack that ever went about in clear-starched surplice and formula! — Do but read it."

Warwick, *Sir* Philip. Memoires of the reigne of Charles I. With a continuation to the restauration of Charles II. London. 1701. 8°. **Carl. 24**

Another copy. **4465.33**

[**Whitelocke,** *or* **Whitlocke,** *Sir* Bulstrode.] Memorials of the English affairs: or, An historical account of what passed from the beginning of the reign of Charles I. to Charles II. his restauration. London. 1682. f°. **Carl. 3**

This edition was published by Arthur Annesley, 3d earl of Anglesey, who mutilated the text. Disraeli calls it the truncated edition. With a few MS. marginal notes, and the autograph of "J. A. Carlyle."

"The Rushworths, Whitlockes, Nalsons, Thurloes; enormous folios, these and many others have been printed, and some of them again printed, but never yet edited, — edited as you edit wagonloads of broken bricks and dry mortar, simply by tumbling up the wagon! Not one of those monstrous old volumes has so much as an available Index. Bulstrode has a kind of dramaturgic turn in him, indeed an occasional poetic friskiness; most unexpected, as if the hippopotamus should show a tendency to dance; — which painfully deducts from one's confidence in Bulstrode's entire accuracy on such occasions [the conference of grandees at Speaker Lenthall's]." The reader must "remember always that a learned Bulstrode's fat terrene mind, imaging a heroic Cromwell and his affairs, is a very dark glass indeed." *Cromwell*, i. 2; ii. 311.

The library has also the edition of 1732 [4471.8] and 1853 [4473.3].

OLIVER CROMWELL.

A CAST FROM THE ORIGINAL MASK TAKEN AFTER DEATH, NOW OWNED BY THOMAS WOOLNER, SCULPTOR. IT WAS GIVEN BY HIM TO THOMAS CARLYLE, WHO GAVE IT IN 1873 TO CHARLES ELIOT NORTON, FROM WHOM HARVARD COLLEGE RECEIVED IT IN 1881.

*** The above is a copy of the inscription placed beneath the cast, of which a heliotype accompanies the present publication.

II.

Frederick the Great.

Abel, Heinrich Friedrich Otto. Die deutschen personen-namen. Berlin. 1853. 8°. pp. 61. **Carl. 237**

With MS. marginal notes. "Good." — MS. note.

[**Adelung,** Johann Christoph.] The life and character, rise and conduct, of Count Bruhl; in a series of letters. Throwing a light on the origin of the war in Germany, and the intrigues of several powers. Translated from the German. London. [176–?] 12°. **Carl. 173**

With the autograph "T. Carlyle, Chelsea, 1859"; also MS. memoranda and marginal notes.

"'Life' (so-called) *begins* p. 52; — hardly a *date* to be found from begins to end of it, — tho' it is not otherwise unworthy of vague *belief*, for most part." — MS. note on fly-leaf.

—— Pragmatische staatsgeschichte Europens von dem ableben kaiser Carls 6 an bis auf die gegenwärtigen zeiten. i^er–viii^er bd. Gotha. 1762–67. 4°. **Carl. 76**

Bd. iii. is in two parts, each with a separate title-page, pagination and register; bd. vii. is also in two parts with separate title-pages, but the pagination and register is continuous. Bd. i., iii.–vi. have "beilagen" paged separately. Bd. viii. should have "beilagen," but they are wanting, and the volume itself seems to be incomplete. This vol. has a second title-page "Staatsgeschichte des letzten krieges. i^er bd. 1767." It was intended to publish three volumes more, but bd. ix. abth. 1 was all that ever appeared.

"A solid, laborious and meritorious Work, of its kind; extremely extensive (9 voll. 4^to, some of which are double and even treble), mostly in the undigested, sometimes in the quite uncooked, or raw condition; perhaps about a fifth part of it consists of 'Documents' proper, which are skippable. It cannot help being dull, waste, dreary, but is everywhere intelligible (excellent Indexes too), — and offers an unhappy reader by far the best resource attainable for survey of that sad Period." *Frederick the Great*, iii. 90 n.

"Perhaps the only copy in England, though not a rare book. I had a 9th vol., but it consisted only of Documents, State-papers &c., & was of no use. Herr Tauchnitz of Leipzig, who searched out for me that 9th vol., asserted confidently that no other had ever been published. T. C." — Note in MS. catalogue.

Ambition (The), and avarice of H—— [*i. e.* Hanover], the cause of this present war. Edinburgh. 1744. 16°. pp. 8. **Carl. 90**

Anecdotes relative to our affairs in Germany: in a series of letters to a noble lord in ——shire. London. 1762. 8°. **Carl. 91**

With Carlyle's autograph on the title-page, and a few marginal notes.

He writes on the fly-leaf, "Many rambling glimpses given."

Archenholz, Johann Wilhelm VON. Geschichte des siebenjährigen krieges in Deutschland. 2 bde. Berlin. 1793. 16°. *Portrs.* and *map.* **Carl. 229**

With the autograph "T. Carlyle, Chelsea, 1856"; also his MS. memoranda and marginal notes.

The library has also the edition of 1869 [14565.6], and the French translation, 1789 [14565.7].

—— Historia belli septennis, in Germania. Latine vertit et tabvlam belli chronologicam et prosopographiam adiecit H. G. Reichardus. Ed. 2^a emendatior. Barvthi. 1792. 8°. *Map.* **Carl. 230**

With the autograph "T. Carlyle, Chelsea, 1852."

"Attempted School Book! T. C." — Note in MS. catalogue.

Baczko, Ludwig (Adolf Franz Joseph) VON. Reise durch einen theil Preussens. 2 bdchen. Hamburg, *etc.* 1800. 16°. **Carl. 178**

Also with the title, "Nankes Wanderungen durch Preussen. Herausgegeben von Ludwig von Baczko."

"A pleasant little Book, treating mainly of Natural History; but drawing you, by its innocent simplicity and geniality, to read with thanks whatever is in it." *Frederick the Great*, i. 136 n.

Barbier, Edmond Jean François. Journal historique et anecdotique du règne de Louis XV., publié pour la société de l'histoire de France d'après le manuscrit inédit de la bibliothèque royale par A. de La Villegille. 4 tom. Paris. 1847–56. 8°. **Carl. 83**

With marginal notes and additional memoranda pasted in. The library has another copy. **4585.10**

Belle-Isle, Charles Louis Auguste FOUQUET, *duc* DE. Lettres à M. le maréchal de Contades. Trouvées parmi les papiers de M. de Contades après la bataille de Minden. N. P. 1759. 8°. pp. 83. **Carl. 91**

"Excell^t letters of the fine old Duke's dictation, — very *physiognomic* of the chief man in his time and country. Nothing like him extant now in France or here! (1856.)" — MS. note on p. 83.

The library has another copy, mounted in folio. **3581.6**

[**Beneckendorf,** Karl Friedrich.] Karakterzüge aus dem leben könig Friedrich Wilhelm I., nebst verschiedenen anecdoten. 9 samml. in 3 vol. Berlin. 1787–89. 16°. **Carl. 148**

With MS. memoranda; also the autograph "T. Carlyle, 1855" in each vol.

Berenhorst, Georg Heinrich VON. Betrachtungen über die kriegskunst, über ihre fortschritte, ihre widersprüche, und ihre zuverlässigkeit. Nebst zwei anhängen. 3^e aufl. Leipzig. 1827. 8°. **Carl. 110**

With MS. memoranda by Carlyle. Presented to him by Count von Usedom.

"His book is full of a certain talent, & real opulence of mind; but is defaced by sediments of imperfect moral qualities (pride, anger, vainglory too traceable in it, tho' well varnished over), which considerably pervert (as one may well see) the conclusions he arrives at, and render his judgements in all cases uncertain as to their coincidence with the truth of the thing, or their resilience therefrom, if too hateful a thing! *Scepticism* (in war itself, much more on all other 'arts' & subjects), this, with a dash of revolutionary sentimentalism, may be described as the result he has finally come to. (Note of March 1857, while pretty well on with reading his Book.)" — MS. note on fly-leaf.

See also *Frederick the Great*, vi. 251.

Bielfeld, Jakob Friedrich, *freiherr* VON. Lettres familières et autres. 2^e éd., revue, augmentée, & corrigée. 2 tom. Leide. 1767. 8°. **Carl. 170**

With the autograph "T. Carlyle, Chelsea, 1856 (from A. Gilchrist)"; also MS. memoranda and marginal notes.

"His Book (*Lettres Familières et Autres*, all turning on Friedrich), which came out in 1763, at the height of Friedrich's fame, and was much read, is still freely cited by Historians as an Authority. But the reading of a few pages sufficiently intimates that these 'Letters' never can have gone through a terrestrial Post-office; that they are an afterthought, composed from vague memory and imagination. Not to be cited 'freely' at all, but sparingly and under conditions. They abound in small errors, in misdates, mistakes; small fictions even, and impossible pretensions: — foolish mortal, to write down his bit of knowledge in that form!" *Frederick the Great*, ii. 426.

The library has also the English translation of tom. ii., 1768, 2 vol. **14564.8**

Blumenthal, *Mme.* Luise Johanne Leopoldine (VON PLATEN) VON. The life of Gen. de Zieten. Translated from the German by B. Beresford. 2 vol. in 1. Berlin. 1803. 8°. *Fronts.* and *plans.* **Carl. 167**

With a portrait of Zieten on fly-leaf.

Also the autograph "T. Carlyle, Chelsea, 1852," and occasional MS. marginal notes.

"A vaguish eloquent Lady, but with access to information, being a connection of Z's." *Frederick the Great*, iii. 260 n.

"Extremely romantic; now given up as mythical, for most part." *Ditto*, iv. 202 n.

[**Borgstede,** August Heinrich.] Statistisch-topographische beschreibung der kurmark Brandenburg. i^er theil. Berlin. 1788. 4°. *Map* and *tables.* **Carl. 65**

With autograph "T. Carlyle, Chelsea, 1859." At the end of the volume Carlyle writes "2^d I never had; — non-ext^t?"

[**Bouillé,** Joseph Louis Amour, *marquis* DE.] Vie privée, politique et militaire du prince Henri de Prusse, frère de Frédéric II. Paris. 1809. 8°. **Carl. 156**

Attributed by Carlyle to De la Roche-Aymon.
"A poor, vague and uninstructive, though authentic little Book." *Frederick the Great*, vii. 221 n.

Bourcet, Pierre Joseph. Mémoires historiques, sur la guerre que les françois ont soutenue en Allemagne depuis 1757 jusqu'en 1762; auxquels on a joint divers supplémens, & notamment une relation impartiale des campagnes de M. le maréchal de Broglie, rédigée [par G. P. F. M. Devaux]. 3 tom. Paris. 1792. 8°. *Table.* **Carl. 235**

With the autograph "T. Carlyle, Chelsea, 1858" and MS. marginal notes in each vol.
"*Mémoires historiques* (that is to say, for most part, Selection of Official Papers) . . .; — worthily done; but occupied, two-thirds of it, with this Vellinghausen and the paltry 'Campaign of 1761'!" *Frederick the Great*, vi. 301 n.
The library has also another copy. 35[8]2.24

Brief narrative (A) of the late campaigns in Germany and Flanders. In a letter to a member of parliament. London. 1751. 8°. pp. 59. **Carl. 90**

With MS. notes.

Buchholz, Samuel. Neueste preussisch-brandenburgische geschichte, nach des verfassers tode zum druck befordert und nebst dessen lebensbeschreibung herausgegeben von J. F. Heynatz. 2 theile in 1 vol. Berlin. 1775. 4°. **Carl. 67**

With autograph "Thomas Carlyle, Chelsea, 1853," and abundant marginal notes and additional memoranda pasted in. It seems to have been much consulted and quoted.

[**Buddeus,** Johann Franz.] Allgemeines historisches lexicon, in welchem das leben und die thaten derer patriarchen, propheten, apostel, *etc.*, derer käyser, könige, *etc.*, und die beschreibungen derer käyserthümer, königreiche, fürstenthümer, *etc.*, vorgestellet werden. [With "Anhang."] 4 theile in 2 vol. Leipzig. 1709. f°. **Carl. 59**

"2 big folios in hogskin 1709. — (in body, as in *spirit*, a strong solid old Book. T. C.)" — Note in MS. catalogue.

[**Bülow,** Adam Heinrich Dietrich VON.] Prinz Heinrich von Preussen. Kritische geschichte seiner feldzüge. [With an appendix.] 2 theile in 1 vol. Berlin. 1805. 8°. **Carl. 88**

With occasional notes.

Bülow, Ludwig Friedrich Victor Hanns, *graf* VON. Leben des grafen von Bülow, königlich preussischer staats- und handels-minister. [*Anon.*] Leipzig. 1821. 8°. pp. 92. **Carl. 168**

"Aus den *Zeitgenossen*, heft xxiv, besonders abgedruckt."
With the autograph "T. Carlyle."
Carlyle has written on the cover "Bulow (nichts!)."

Büsching, Anton Friedrich. Beyträge zu der lebensgeschichte denkwürdiger personen, insonderheit gelehrter männer. iv^er, v^er theil. Halle. 1786–88. 8°. **Carl. 204**

Contents: — iv. Erdmann Heinrich graf Henkel, freyherr von Donnersmark. Sophie Ernestine von Alefeldt. Rochus Friderich graf zu Lynar. Friderich Wilhelm von Taube. Sigismund Streit. 1786. — v. Friedrich der Zweyte, könig von Preussen. 1788.
iv^er theil has the autograph "T. Carlyle, Chelsea, 1859"; v^er, "T. Carlyle, Chelsea, 1854."
"Vol. v., — wholly occupied with *Friedrich II. King of Prussia*, is accessible in French and other languages; many details, and (as Büsching's wont is) few or none not authentic, are to be found in it; a very great secret spleen against Friedrich is also traceable, — for which the Doctor may have had his reasons, not obligatory upon readers of the Doctor. The truth is, Friedrich never took the least special notice of him: merely employed and promoted him, when expedient for both parties; and he really was a man of considerable worth, in an extremely crude form." *Frederick the Great*, i. 269 n.

—— Caractère de Frédéric II., roi de Prusse. Traduit de l'allemand par A. S. d'Arnex. 2 tom. in 1. Berne. [1788.] sm. 8°. **Carl. 205**

Translation of vol. v. of his "Beyträge."

—— Neue erdbeschreibung. i^er–v^er theil. 5 theile in 9 vol. Hamburg. 1770, '69–73. 8°. **Carl. 49**

i^er, ii^er theil are "6^e aufl.," iii^er is "5^e aufl.," iv^er is "4^e aufl.," and v^er is "2^e aufl."
Contents (as given by Carlyle in the front of vol. i.): —
Vol. i. (as *bound*, as printed it is 2 "theile"): Denmark, Norway, Sweden, Russia (Europ. & Asiat.).
ii. Prussia, Poland, Hungary, Turkey (Europ.). [*Index* for these two.] Erster theil ends.
iii. Portugal, Spain, France. [is "2^ter theils 1 B^d."
iv. Italy, G^t Britain (Gibralt, Minorca, &c.): *Index* at the end (to these 2). *Title page* of this *caret*.
v. (is "*5^te Theils 1^er Band*," what lucidence of order!) 5^te ed^n., '71. Contains: Böhmen; Aust^a, Burgund^a, Westph^a, Chur-Rhinish and Upper Rhinish Circles (1412 pages).
vi. Schwab^a, Bavar^a, Frankish and Upper-Saxon Circles (2,700 pages!) —
vii. Nether-Saxon Circle, with a heap of "*unmittelbare Reichslander*." (Index for these 3 which are all *one* volume or *theil*, of above 4000 pages.) —
viii. (4^th edit^n, '73, — this is 4^th theil in origin^l) contains: Un. Netherlands, "Helvetia," Silesia & Glatz (Index to it at the end).
ix. (is "5^te theils 1^e abtheilung." 2^d ed^n, '71): "various lands in Asia," — specially (I think), Turkey (As.) and Arabia. Index to it.
[Work ends, incomplete, after all.]
A number of MS. notes occur on the margin.

[**Carlyle,** Thomas.] A speculative summary of Sartor resartus. N. P. 1858. 8°. pp. 15. **Carl. 90**

Bound up with a number of pamphlets on historical subjects.

Case (The) of the British troops serving in Germany. Humbly submitted to the consideration of parliament. London. 1761. 8°. pp. 80. **Carl. 91**

[**Castéra,** Jean Henri.] Vie de Catherine II., impératrice de Russie. 2 tom. Paris. 1797. 8°. **Carl. 131**

The portraits are wanting.
Each vol. has the autograph "T. Carlyle, 1851."

—— *The same.* Nouvelle éd. 2 tom. Varsovie. 1798. 8°. **Carl. 130**

"Russia is not a publishing country; the Books about Catharine are few, and of little worth. *Tooke*, an English Chaplain; *Castéra*, an unknown French Hanger-on, who copies from Tooke, or Tooke from him: these are to be read, as the bad-best, and will yield little satisfactory insight; Castéra, in particular, a great deal of dubious backstairs gossip and street rumour, which are not delightful to a reader of sense." *Frederick the Great*, vi. 340.
The library has also another copy of tom. i. of the 1797 ed., and the edition of 1800, 12°, in 4 tom., with the title "Histoire de Catherine II."

Catherine II., *empress of Russia.* Mémoires; précédés d'une préface par A. Herzen. Londres. 1859. 8°. **Carl. 132**

With a few MS. marginal notes.
"A credible and highly remarkable little Piece: worth all the others [books about Catherine], if it is knowledge of Catharine you are seeking." *Frederick the Great*, vi. 340.
The library has also "2^e éd.," 1859; and the English translation, London, 1859, and New York, 1859.

Charles, *prince of Lorraine.* The life of Charles, prince of Lorrain; including the history of the house of Lorrain. With a complete narrative of all the battles, sieges, &c. from the commencement of the war to this time. [*Anon.*] London. 1746. 12°. *Port.* **Carl. 135**

With the autograph "T. Carlyle, Chelsea, 1859"; also with his MS. marginal notes and memoranda.
"What stupidest son of Adam can have written this? — A dunghill; and in it not 'pearls,' but half a handful of old nails. Ohe! — (4 febr 1859)." — MS. note on p. 360.
"One of the most distracted Blotches ever published under the name of Book; — awakening thoughts of a public dimness very considerable indeed, to which this could offer itself as lamp!" *Frederick the Great*, iv. 121 n.

[**Cölln,** Georg Friedrich Wilibald Ferdinand von.] Vertraute briefe über die innern verhältnisse am preussischen hofe seit dem tode Friedrichs II. [ier], iier bd. Amsterdam, *etc.* 1807. 16°. Carl. 101

Also with the title: — "Beytrag zur geschichte des krieges in Preussen, Schlesien und Pohlen in den jahren 1806 und 1807."

[**Colet,** *Mme.* Louise (Revoil).] Mme. du Châtelet. Lettres inédites au maréchal de Richelieu et à Saint-Lambert. [Paris. 1845.] 8°. pp. (43). Carl. 89

Revue des deux mondes, 15 sept. 1845; xi. 1011-1054.

Confutation (A) of the memorial published by the court of Vienna, under the title of An answer to the declaration made by the count de Dohna, His Prussian Majesty's minister. London. 1744. 8°. pp. (2), 1–32. Carl. 90

Imperfect: — All after p. 32 is wanting.

[**Constant de Rebecque,** Samuel.] Dernières pensées du grand Frédéric, roi de Prusse, écrites de sa main à Berlin, en 1786. Paris. 1806. 16°. pp. 30. Carl. 215

With ms. marginal notes.
"Impudent Forgery; like *Matinees* [*du*] *Roi de Prusse,* &c." — ms. note on p. 1.

[**Contant d'Orville,** André Guillaume.] Anecdotes germaniques, depuis l'an de la fondation de Rome 648, et avant l'ère chrétienne 106, jusqu'à nos jours. Paris. 1769. sm. 8°. Carl. 50; Carl. 51

Two copies; one [Carl. 50] has the autograph "T. Carlyle, Chelsea, 1855," and a few ms. marginal notes and memoranda; the other has the autographs of "Geo. Fred. Nott" and "Thomas McGregor, 1854."

Cramer, Friedrich (Matthias Gottfried). Denkwürdigkeiten der gräfin Maria Aurora Königsmark und der Königsmark'schen familie. Nach bisher unbekannten quellen. [With supplements.] 2 bde. in 1. Leipzig. 1836. 8°. Carl. 164

With the autograph "T. Carlyle, Chelsea, 1853."

[**Crans,** August Friedrich.] Beytrag zur chronika von Berlin im beliebten altteutschen romanzenton, mit untergemischten erbaulichen lob- und bussliedern. 3 stücke in 1 vol. Berlin. 1781. 16°. Carl. 100

ier stück is "4e aufl."

[——] Supplement zum ersten stück, in einem sendschreiben an den weltmann in Berlin, das neue gesangbuch betreffend. Berlin. 1781. 16°. pp. 47. Carl. 100

[——] Supplement zum zweyten stück, die anekdote vom schlächter Teichmann betreffend. Berlin. 1781. 16°. pp. 32. *Port. of Frederick, prince of Brunswick.* Carl. 100

[——] Charlatanerien in alphabetischer ordnung, als beyträge zur abbildung und zu den meynungen des jahrhunderts. ier–iiier abschnitt. Berlin. 1781. 16°. Carl. 100

ier abschn. is "2e aufl."

[——] Nachricht von einer schönen that. Berlin. 1781. 16°. pp. 14. *Vigns.* and *port. of G. E. Teichmann.* Carl. 100

[——] Die neue und vermehrte bockiade in briefen über den ton in der litteratur, kritik, *etc.* des heutigen jahrhunderts. 2 stücke in 1 vol. Berlin. 1781–82. 16°. *Vigns.* Carl. 100

[——] Beilage zu der Neu aufgelegten und vermehrten bockiade. Berlin. 1781. 16°. pp. 48. *Vign.* Carl. 100

[——] Beylage zum zweyten stück der Neuen bockiade. Berlin. 1782. 16°. pp. 48. Carl. 100

Crowne, William. A trve relation of all the remarkable places and passages observed in the travels of Thomas, Lord Hovvard, earle of Arundell and Surrey, ambassadour extraordinary to Ferdinando II., emperour of Germanie, a.d. 1636. London. 1637. sm. 4°. pp. 70. Carl. 92

With the autograph "T. Carlyle, Chelsea, 1859."
"Curious incidental details of the state it [Germany] was reduced to, in the Rhine and Danube Countries, turn up in the Earl of Arundel and Surrey's *Travels* ('Arundel of the Marbles')." *Frederick the Great,* i. 216 n.

Docker, Karl von. Batailles et principaux combats de la guerre de sept ans, considérés principalement sous le rapport de l'emploi de l'artillerie avec les autres armes. Traduit de l'allemand par Ravichio de Peretsdorf et le capitaine Simonin, revu, augmenté, *etc.*, par J. H. Le Bourg. [With an appendix.] 3 livr. in 1 vol. Paris. 1839-40. 8°, and *atlas,* f°. *Text,* Carl. 239; *Atlas,* Carl. 62

With autograph, "T. Carlyle, Chelsea, 1856," and notes on the first fly-leaf.
Another copy of the second part of the text is bound up with other pamphlets in the volume numbered Carl. 89.

Denkwürdigkeiten zur charakteristik der preussischen armee, unter dem grossen könig Friedrich dem Zweiten. Aus dem nachlasse eines alten preussischen offiziers. Glogau. 1826. 8°. Carl. 87; Carl. 107

With autograph "T. Carlyle, Chelsea, 1858."

Dilworth, W. H. The life and heroick actions of Frederick III. [II.] king of Prussia. London. 1758. 24°. *Port. of Frederick.* Carl. 207

With the autograph "T. Carlyle (jany 1856; from A. G. 6 weeks ago)."
"Contains nothing, — except (p. 25) the express contradiction of that story about a subscription in England for Mr Theresa as believed and reported by Voltaire, among others; which was well worth annihilating since untrue." — ms. note on fly-leaf.

[**Dumoulin,** ——, *editor.*] Campagne de M. le maréchal de Maillebois, en Westphalie, 1741 & 2. Contenant les lettres de ce maréchal & celles de plusieurs autres officiers-généraux au roi, & à Mr. de Breteuil. Tom. i.; — Campagne de Broglie et de Belle-Isle, en Bohême et en Bavière, 1741–1743. Tom. ii.–ix.; — Tables. Tom. x. 10 tom. Amsterdam. 1772-73. 12°. *Plans.* Carl. 225

[——] Campagne de M. le maréchal duc de Noailles, en Allemagne, 1743. 2 pt. Amsterdam. 1760–61. 12°. Carl. 137

Forms a continuation of the above.
"Consisting altogether of Official Letters (brief, rapid, meant for business, *not* for printing in the Newspapers); which are elucidative *beyond* bargain, and would even be amusing to read, — were the topic itself worth one's time." *Frederick the Great,* iii. 304 n.

Ende, Johann Joachim Gottlob am. Drey worte geredt zu seiner zeit, nehmlich vor, bey, und nach der von sr. churfürstl. durchlauchtigkeit herrn Friedrich August, unserm gnädigsten herrn, am 4ten april 1769. bey hiesiger residenz in höchsteigener person eingenommenen erb-huldigung. Dressden, *etc.* 1769. 8°. pp. 58. Carl. 151

Erman, Jean Georges. Sermons sur divers textes de l'Écriture Sainte. Neuchatel, *etc.* 1791. 8°. Carl. 102

Containing the "Oraison funèbre de Frédéric II. roi de Prusse, prononcée le 10 septembre dans l'église françoise de Potsdam."

Erman, Jean Pierre. Mémoires pour servir à l'histoire de Sophie Charlotte, reine de Prusse. Lus dans les séances publiques de l'académie royale des sciences et belles-lettres, augmentés de

notes historiques, *etc.* Berlin. 1801. 8°. *Geneal. tables.* Carl. 144

With the autograph "T. Carlyle, Chelsea, 1852," and a few MS. marginal notes.
"A Life of her, in feeble watery style, and distracted arrangement, by one *Erman*, a Berlin Frenchman, is in existence, and will repay a cursory perusal." *Frederick the Great*, i. 33.

[**Espagnac,** Jean Baptiste Joseph DAMARZIT DE SAHUGUET, *baron* D'.] Campagne de l'armée du roi, en 1747. La Haye. 1747. sm. 8°. *Table* and *plan.* Carl. 223

—— Histoire de Maurice, comte de Saxe. Nouvelle éd., augmentée de l'Éloge de M. le maréchal de Saxe, par M. Thomas. 2 tom. in 1. Toulouse. 1789. 12°. Carl. 160

"A good little military Book, done into German." *Frederick the Great*, ii. 24 n.
"An excellent military compend." *Ditto*, iii. 304 n.

—— Die geschichte Moritzens, grafen von Sachsen; aus dem französischen. 2 bde. Leipzig. 1774. 8°. Carl. 159

With the autograph "T. Carlyle, Chelsea, 1851" in each vol.; also MS. memoranda and marginal notes.

[——] Journal historique de la dernière campagne de l'armée du roi, en 1746. La Haye. 1747. sm. 8°. *Map, plans* and *tables.* Carl. 223

With the autograph "T. Carlyle, Chelsea, 1859."
"This is by *Espagnac*: in all probability, a work of real exactitude & worth in its kind." — MS. note on fly-leaf.

Falch, Otto. Was sich die schlesier vom alten Fritz erzählen. Original-lebensbilder aus dem munde des volks. Brieg. 1860. sm. 8°. Carl. 213

[**Fassmann,** David.] Des glorwürdigsten fürsten und herrn, Friedrich Augusti des Grossen, leben und helden-thaten, so letzthin in historischer ordnung beschrieben von D. F. Nunmehro erläutert durch J. G. H. Franckfurt, *etc.* 1734. 8°. *Port. of Frederick Augustus* and *plates.* Carl. 126

With the autograph "T. Carlyle, Chelsea, 1852."
"A work written with upturned eyes of prostrate admiration for '*Dero Majestät* ("Theiro" Majesty) *August the Great*'; exact too, but dealing merely with the *clothes* of the matter and such a matter: work unreadable, except on compulsion, to the stupidest mortal." *Frederick the Great*, ii. 22 n.
"Poor extinct Fassmann, one discovers at last a vein of weak geniality in him; here and there, real human sense and eyesight, under those strange conditions; and his poor Books, rotted now to inanity, have left a small seed-pearl or two, to the earnest reader." *Ditto*, i. 400.

[——] Leben und thaten des königs von Preussen, Friederici Wilhelmi. [Vol. i.] Hamburg, *etc.* 1735. 8°. *Front.* Carl. 146

With MS. memoranda.

Feder, Johann Georg Heinrich. Sophie, churfürstin von Hannover im umriss. [With "Beilagen" containing letters.] Hannover. 1810. 16°. Carl. 154

With the book-plate of Col. Fitz Clarence, earl of Munster, son of William IV., king of England; also the autograph "T. Carlyle, Chelsea, 1856," and MS. memoranda by him.

Ferdinand, *duke of Brunswick-Luneburg.* Ferdinand herzog zu Braunschweig und Lüneburg während des siebenjahrigen krieges. Aus englischen und preussischen archiven gesammelt und herausgegeben von E. von dem Knesebeck. 2 bde. Hannover. 1857–58. 8°. Carl. 231

With MS. marginal notes by Carlyle.
"*Letters* altogether; not very intelligently edited, but well worth reading by every student, military and civil." *Frederick the Great*, v. 273 n.

[**Ferrand,** Antoine François Claude, *comte.*] Histoire des trois démembremens de la Pologne, pour faire suite à l'Histoire de l'anarchie de Pologne, par Rulhière. 3 tom. Paris. 1820. 8°. Carl. 82

With occasional marginal notes, usually expressive of indignation at the author's omission of dates.

Fischer, Johann Bernhard. Geschichte und ausführliche beschreibung der stadt Anspach, oder Onolzbach, und deren merkwürdigkeiten. Anspach. 1786. sm. 8°. *Plan* and *plates.* Carl. 116

With the autograph "T. Carlyle, Chelsea, 1853," and a MS. table.

Foerster, Wilhelm Adolph Ferdinand. Gedächtnisstafeln der allgemeinen geschichte, mit besonderer rücksicht auf Deutschland und Preussen. Berlin, *etc.* 1835. 8°. Carl. 78

Formey, (Johann Heinrich) Samuel. Souvenirs d'un citoyen. 2e éd. 2 tom. in 1. Paris. 1797. 16°. *Front.* Carl. 136

Sketches of noted people of the XVIIIth century.
With MS. marginal notes by Carlyle; often quoted by him in his *Frederick the Great.*

Frederick I., *king of Prussia.* The life and actions of Frederic, the victorious king of Prussia, elector of Brandenburg, &c. Compiled from original memoirs and documents. [*Anon.*] London. 1758. 8°. *Port., map* and *plans.* Carl. 189

With MS. marginal notes.
"There is *nothing* absolutely in this Book but blundering stupidities and misinformations; except what is copied (stolen) from poor Dilworth, I can recollect nothing deserving another character. T. C. (1856). Baddish Print (from a good Picture); bad poor Map." — "Adieu, thou *other* stupid farrago! (29 Nov^r 1855; 11½ p.m.)" — MS. notes.

Frederick II., *king of Prussia.* Oeuvres. Publiées du vivant de l'auteur, et augmentées de plusieurs pièces qui n'ont pas paru dans les éditions précédentes. 4 tom. N. P. 1790. 8°. *7 plates.* Carl. 184a

—— Oeuvres posthumes. 15 tom. Berlin. 1788. 8°. Carl. 184

Tom. i., ii. have many MS. marginal notes.
Contents: — i., ii. Histoire de mon temps. — iii., iv. Histoire de la guerre de sept ans. — v. [Miscellaneous.] — vi. [Miscellaneous.] Poésies. — vii. Poésies. — viii. Poésies. Correspondance. — ix.–xv. Correspondance.
The library has also the edition of 1789. 14561.3

—— Supplément. Contenant plusieurs pièces qu'on attribue à cet auteur. 6 tom. Cologne. 1789. 8°. Carl. 185

—— Briefe an seinen vater, geschrieben in den jahren 1732 bis 1739. Berlin, *etc.* 1838. 8°. Carl. 216

With MS. marginal notes.

—— Friedrichs des Einzigen authentische charakteristik nach seinen eignen geständnissen. Ein handbuch für fürsten, officiere und alle höhere stände. [Compiled by C. K. André.] Berlin. 1790. 8°. Carl. 199

With the autograph "T. Carlyle, Chelsea, 1853."

—— Geheimer unterricht, enthaltend die den offiziers dero armee, besonders denen von der cavallerie, im jahr 1778 ertheilten geheimen befehle. Mit anmerkungen des prinzen von Ligne. Dresden. 1799. 16°. Carl. 208

With the autograph "T. Carlyle, Chelsea, 1852."

[—— (?)] Letters on patriotism. Translated from the French original printed at Berlin. London. 1780. 16°. *Port.* Carl. 215

With the autograph "T. Carlyle (A. G.) 1856."

—— (?) Letters to the public. Translated from the original edition, printed at Berlin. London. 1753. 16°. pp. 29. Carl. 215

With the autograph "T. Carlyle (from A. G.), Chelsea, 1856."

[——] Lettres secrètes touchant la dernière guerre, de Main de maître. Nouvelle éd. Francfort, *etc.* 1772. 12°. **Carl. 96**

Containing correspondence between the king and Augustus William, prince of Prussia; also letters of the king to Gen. Fouquet.

With the half-title: — "Anecdotes pour servir à l'histoire de la maison de Brandebourg et à l'éclaircissement de la dernière guerre."

With MS. notes by Carlyle.

"This is the Prince's own Statement, Proof in hand." *Frederick the Great*, v. 160 n.

The library has also the English translation by Thomas Holcroft. 14563.3

[——] Anekdoten zur erläuterung der brandenburgischen geschichte, und des letzteren krieges. N. P. 1769. 16°. **Carl. 96**

Containing correspondence between the king and Augustus William, prince of Prussia.

—— Military instructions written for the generals of his army; being his own commentaries on his former campaigns. Together with short instructions for the use of his light troops. Translated by an officer. London. 1762. 8°. *Plates.* **Carl. 86**

With autograph "T. Carlyle (A. G.) [i. e. Alexander Gilchrist (?)] 1856," frequent marginal notes and several pages of notes pasted in the front.

"One of the best, or altogether the best, of Friedrich's excellent little Books, written successively (thrice-*private*, could they have been kept so) for the Instruction of his Officers." *Frederick the Great*, iii. 367 n.

—— An ode, written immediately after the victory which he gained over the combined armies of France and the Empire at Rosbach. *Fr.* and *Eng.* London. 1758. 4°. pp. 7 [12]. **Carl. 222**

On the fly-leaves is written a translation of another ode by Frederick II.

[——] Regulations for the Prussian cavalry. Translated from the German original [by W. Faucitt]. London. 1757. 8°. **Carl. 109**

[——] Regulations for the Prussian infantry. Translated from the German original [by W. Faucitt]. London. 1754. 8°. *Plates* and *tables.* **Carl. 108**

Of this work, the translator of Frederic's "Military instructions," 1762, himself an English officer, says: —

"Capt. Faucit, of the guards, obliged us, some time ago, with a translation of the King of Prussia's *Regulations* for the discipline of his army: but those Regulations . . . can only be considered as the rudiments of the art of war, and therefore it is difficult to suppose, that so sublime a genius, as his present Prussian Majesty, could possibly waste his time in composing them. He certainly did not. The Regulations were originally the work of his father, who was an excellent Adjutant, and who, tho' a man of no genius at all, by the discipline of his troops, laid the foundation of his son's greatness." *Military instructions*, pp. x.–xi.

[——] New regulations for the Prussian infantry. Translated from the original German manuscript. London. 1757. 4°. pp. 59. *Plates.* **Carl. 85**

With the book-plate of Edward, earl of Harewood, who was created an earl in 1812 and died in 1820.

[——] Relation de la campagne de 1756. Account of the campaign of 1756. In Bohemia, Silesia, and Saxony. By the K** of P***. *Fr.* and *Eng.* London. 1757. 8°. pp. 24, 27. **Carl. 91**

With the autograph "T. Carlyle, Chelsea, 1858" on the fly-leaf.

Also French and German edition in *Gesammelte nachrichten*, 1757, i. 840–858 [Carl. 227].

Anonymous Works on Frederick II.

—— Anekdoten und karakterzüge aus dem leben Friedrich des Zweiten. 2e verbesserte aufl. [ie samml.] Berlin. 1786. 16°. *Port.* **Carl. 204**

Interleaved, with MS. notes by K. W. von Schöning.

"Bought in Berlin for me in 1852; — proves to be a very great curiosity: the very Copy, namely, that Büsching had in his hand (lent by Schöning) while writing *Beyträge zur* &c. vol. v. — T. C. Chelsea, 1854." — MS. note on fly-leaf.

—— *The same.* viie, viiie samml. Berlin. 1787. 16°. **Carl. 209**

With the autograph "T. Carlyle 1852."

—— Anecdotes and characteristics of Frederick the Great, late king of Prussia: selected and translated from eight original volumes in German, by F. A. W. [F. A. Winzer]. 2 vol. in 1. London. [1789?] sm. 8°. *Port.* **Carl. 210**

With the autograph "T. Carlyle, Chelsea, 1859."

"Not a bad 'Select' from the German Anecdote-Book. 1788 (or so)." — MS. note on fly-leaf.

See also **Latrobe**, Benjamin Henry. Characteristic anecdotes, and miscellaneous authentic papers, tending to illustrate the character of Frederic II. **Carl. 214**

—— Four pieces, containing a full vindication of His Prussian Majesty's conduct in the present juncture. *Fr.* and *Eng.* London. 1756. 4°. ff. 87. **Carl. 71**

Contents: — i. — A memorial presented to their High Mightinesses the States General by M. de Hellen, His Prussian Majesty's minister at the Hague; in answer to the Saxon resident's Memorial of the 29th of September last.

ii. — The king of Prussia's answer to the imperial decree of commission at the diet of Ratisbonne; and to that of the Aulic council of the empire.

iii. — A memorial in vindication of the king of Prussia's conduct, from the false imputations of the court of Saxony.

iv. — A memorial setting forth the conduct of the courts of Vienna and Saxony towards the king of Prussia, and their dangerous designs against him; together with the original documents in proof of them.

The library has also another copy.

—— Helden-, staats-, und lebens- geschichte des allerdurchlauchtigsten und grosmächtigsten fürsten und herrns, Friedrichs des Andern. 7 theile in 11 vol. Franckfurth, *etc.* 1758–64. 16°. *Tables, plates, portrs.* and *plans.* **Carl. 191**

[ier], iier theil are "2e aufl." The plates are wanting in iier and ver theil.

With the autograph "T. Carlyle, Chelsea, 1855" in ier theil, and "T. Carlyle, Chelsea, 1860" in viier and in viier theil; also copious MS. memoranda and occasional marginal notes.

"The terrible compilation called *Helden- Staats- und Lebens-Geschichte*, etc. There are Ten thick and thin Half-volumes, and perhaps more. One of the most hideous Imbroglios ever published under the name of Book, — without vestige of Index, and on paper that has no margin and cannot stand ink, — yet with many curious articles stuffed blindly into the awful belly of it, like jewels into a rag-sack, or into *ten* rag-sacks all in one; with far more authenticity than you could expect in such case. *Frederick the Great*, ii. 117 n.

—— Natural reflexions on the present conduct of His Prussian Majesty, *etc.* *Eng.* and *Fr.* Londres. 1744. 4°. pp. 60. **Carl. 70**

On the cover Carlyle has written "English Pamphlet on Fk's 2d Silesian War (1744); friendly to Fk, must have been translated into French by his order, and printed abroad."

—— Poetische erzählungen von den vornemsten thaten Friedrichs des Grossen und seiner helden in dem jetzigen kriege. Halle. 1758. 8°. pp. 92. **Carl. 151**

The preface is signed "M. I. C. L. R. A. S."

"Unreadable!" — MS. note by Carlyle.

—— [A collection of sermons, addresses, etc. on the death of Frederick the Great and the accession of Frederick William II.] 14 pam. in 1 vol. 1786. 8° and 16°. *Namely:* — **Carl. 196**

HAMMERDÖRFER, Karl. Leben Friedrichs des Grossen. Leipzig. 1786. 16°. pp. 75. *Port. of Frederick the Great.*

REDEN und gedichte auf den könig Friedrich Wilhelm den Zweyten und die in Berlin ihm geleistete huldigung, nebst einer kurzen uebersicht dessen, was der könig in den zwei ersten monathen seiner regierung that. Berlin. [1786.] 8°. pp. 40.

Contains only "Kurze uebersicht dessen, *etc.*"

[MÖRSCHEL, Daniel Ernst, *compiler.*] Sammlung von reden, predigten und gedichten auf den tod königs Friedrich des Grossen. Berlin. 1786. 8°.

Contents: — KULM, ——, *bischof* VON. Trauer rede nach dem absterben des herrn Friderich des Zweyten, könig von Preussen &c., gehalten den 10. sept. 1786 zu Berlin in der

römisch-catholischen kirche. — TELLER, Wilhelm Abraham. Predigt zum gedächtnis des königs Friedrich des Zweyten, gehalten in der kirche zu St. Petri am 10. sept. 1786. — WILMSEN, Friedrich Ernst. Was es für eine namensgrösse, und unsterblichkeit sey, die Gott unserm verewigten könige, Friederich dem Zweyten gab? Am tage seiner gedächtnissfeyer den 10. sept. 1786 vorgetragen. — SACK, Friedrich Samuel Gottfried. Gedächtnisspredigt auf den herrn Friderich den Zweiten. In gegenwart sr. majestät des königs und des königl. hauses den 10. sept. 1786 gehalten in der oberpfarr- und domkirche. — CONRAD, Karl Ludwig. Predigt zum gedächtniss Friedrichs des Zweiten, vor der verwittweten königinn am 10ten sept. 1786 im lustschloss Schönhausen gehalten. — KOCH, Johann Christian. Gedächtnisspredigt auf se. majestät Friedrich den Zweyten, in der berlinischen Georgenkirche den 10. sept. 1786 gehalten. — CUBE, Johann David. Ueber den tod des königs, eine predigt. Gehalten in der Jerusalemskirche den 10. sept. 1786. — SPALDING, Johann Joachim. Gedächtnisspredigt auf Friedrich den Zweyten. — KRÜGER, Christian Gotthelf. Gedächtnisspredigt auf Friedrich den Zweiten, gehalten den 17. sept. 1786. — SCHUBART, Christian Friedrich Daniel. Friedrich der Grosse. Ein hymnus. — MÜCHLER, Karl (Friedrich). Todtenopfer für Friedrich den Einzigen. Berlin. [1786.] 16°. pp. (4).

GESEGNETEN asche (Der) Friedrich des Grossen geweihet. Berlin. 1786. 16°. pp. 8.

STERBEN der könige (Ueber das) und die belohnungen der ewigkeit für die guten unter ihnen. Berlin. 1786. 16°. pp. 20.

KURZE nachricht vom tode Friedrichs des Zweiten. Ein schreiben aus Potsdam. 2e vermehrte aufl. Berlin. 1786. 16°. pp. 16.

SARRAUTON, ——. Sur le mort de Frédéric Second, roi de Prusse. Ode. Berlin. [1786.] 16°. pp. (8).

TRINIUS, Johann Jakob Bernhard. Huldigungs-rede beym antritt der regierung sr. majestät des königs von Preussen, Friedrich Willhelm II., vor dem infanterie-regiment v. Leipziger gehalten den 19ten aug. 1786. Halle. 1786. 8°. pp. 13.

SACK, Friedrich Samuel Gottfried. Huldigungs-predigt am zweyten oct. 1786. Vor dem könige, dem königlichen hause, und den versammelten hochlöblichen ständen der churmark Brandenburg &c. in der oberpfarr- und domkirche gehalten. Berlin. [1786.] 8°. pp. xxxvi.

BURMANN, Gottlob Wilhelm. Huldigungslieder. Zum festlichen 2ten oct. 1786. Berlin. [1786.] 8°. pp. (14).

D., J. H. W. Schilderung des 2ten oct. 1786 zu Berlin, in zwei gesängen. Berlin. [1786.] 8°. pp. (14).

GEDICHTE. [Berlin? 1786?] 8°. pp. 48.
Containing poems on the coronation of Frederick William II.

GEDICHTE. [Berlin? 1786?] 8°. pp. 55.
Containing poems on the death of Frederick the Great.

*** Formerly belonging to K. H. S. Roedenbeck, whose stamp is on the fly-leaf. Carlyle writes under it "Curious! This is poor Röd[k] of the *Tagebuch*, of the *Beyträge*, &c. . . . Poor soul, this shall have a value for his sake! — T. C. (Chelsea, 5 janr 1864.)"

[Fromageot, ——, *l'abbé.*] Histoire du règne de Marie-Thérese; précédée de tables généalogiques & chronologiques: pour servir de suite à l'Abrégé chronologique de l'histoire d'Allemagne, par M. Pfeffel. Nouvelle éd., corrigée & augmentée [par l'abbé Mann]. Bruxelles. 1786. 12°. *Port. of Maria Theresa.* **Carl. 121**

With the autograph "T. Carlyle, Chelsea, 1856."
Also with two letters from Dr. Donaldson on the name "Theresia."

Froriep, Just Friedrich. Predigt am sonntage rogate; mit anwendungen auf die huldigung [of Frederick August I., king of Saxony] den 2. may 1769. Leipzig. 1769. 8°. pp. 32. **Carl. 151**

"Intensely interesting at this time!" — MS. note.

Fuchs, ——, *Dr.* Jubelschrift zur feier der schlacht bei Mollwitz, den 10. april 1841. Brieg. [1841.] 4°. *Front., maps* and *plans.* **Carl. 222**

With the autograph "T. Carlyle, Chelsea, 1858"; also a few marginal notes and MS. memoranda.
"By a distracted Dr. Fuchs of those parts." — Note on fly-leaf.
"The latest and notablest of these [account[s]], in regard to Mollwitz, is the Pamphlet of a Dr. Fuchs; from which, in spite of its amazing quality, we expect to glean a serviceable item here and there. It is definable as probably the most chaotic Pamphlet ever written; and in many places, by dint of uncorrected printing, bad grammar, bad spelling, bad sense, and in short, of intrinsic darkness in so vivacious a humour, it has become abstruse as Sanscrit; and really is a sharp test of what knowledge you otherwise have on the subject. Might perhaps be used in that way, by the Examining Military Boards, in Prussia and elsewhere, if no other use lie in it? Fuchs's own contributions, mere ignorance, folly and credulity, are not worth interpreting: but he has printed, and in the same abstruse form, one or two curious Parish Manuscripts, particularly a '*History*' of this War, privately jotted down by the then Schoolmaster of Mollwitz, a good simple accurate old fellow-creature; through whose eyes it is here and there worth while to look." *Frederick the Great*, iii. 197.

Gascoyn, *Sir* Bernard. A description of Germany: its government, manner of assembling diets, ceremony of electing and crowning the king of the Romans. As also an account of their present Imperial Majesties houshold, *etc.* [London. 1672.] 8°. pp. 63. **Carl. 92**

With the autograph "T. Carlyle, 1856"; also a few marginal notes.

General view (A) of the present politics and interests of the principal powers of Europe, *etc.* In a letter from the Hague to a foreign minister at London. London. [1747.] 8°. pp. 56. **Carl. 90**

[Germain, *previously* SACKVILLE, George, *1st viscount Sackville.*] His lordship's apology. London. 1759. 8°. pp. 22. **Carl. 91**

—— Proceedings of a court-martial held March and April, 1760, upon the trial of Lord George Sackville [commander at the battle of Minden]. London. 1760. 8°. **Carl. 142**

The library has two other copies [1451.6; 24k.112].

Germany — *Crown.* 1742–1745. (Charles VII.) [Plan of peace communicated to one of the secretaries of state of His Britannic Majesty, by Baron Haslang, minister of the court of Frankfort. With notes.] *Fr.* and *Eng.* N. P. [1744.] 8°. pp. iii.–vi., 50 [48]. **Carl. 90**

Imperfect: — The title page is wanting.

Gesammlete nachrichten und urkunden, den im jahr 1756. in Deutschland entstandenen krieg betreffend. ier, iier bd. [Frankfurt, *etc.*] 1757. sm. 8°. **Carl. 227**

"Preliminary Documents &c. on Friedrich's side." — Note in MS. catalogue.

[Graffigny, *Mme.* Françoise D'ISSEMBOURG D'HAPPONCOURT DE.] Vie privée de Voltaire et de Mme Du Châtelet, pendant un séjour de six mois à Cirey; suivie de cinquante lettres inédites, en vers et en prose, de Voltaire. [Edited, with notes, by M. Du Bois.] Paris. 1820. 8°. *Port.* and *fac-sim.* **Carl. 140**

"A six months of actual Letters written by poor Grafigny, while sheltering at Cirey, Winter and Spring 1738–1739; straitened there in various respects, — extremely ill off for fuel, among other things. Rugged practical Letters, shadowing out to us, unconsciously oftenest, and like a very mirror, the splendid and the sordid, the seamy side and the smooth, of Life at Cirey, in her experience of it." *Frederick the Great*, ii. 393 n.

Grot, Joachim Christian. Kanzelrede von der rechtmässigkeit der blattereinimpfung aus allgemeinen gründen, an dem jährlichen dankfeste wegen der wiederherstellung Catharina der Zweiten und Paul Petrowitz den 21. nov. 1769 gehalten. Mitau. [1769.] 8°. pp. 32. **Carl. 151**

[Guibert, Jacques Antoine Hippolyte, *comte* DE.] Observations on the military establishment and discipline of the king of Prussia; with an account of [his] private life. Translated by J. Johnson. London. 1780. 8°. *Front.* **Carl. 86**

With autograph "T. Carlyle (A. G[t].) [*i. e.* Alexander Gilchrist (?)] 185.," and frequent marginal notes now rendered almost unintelligible by too close trimming at the hands of the binder. On the title-page Carlyle writes "Very good Book," and a query in regard to the author.

Hahn, Werner. Hans Joachim von Zieten, königlich preussischer general der kavallerie. 3e aufl. Berlin. 1853. 8°. Carl. 87

Hård (*Germ.* Hordt), Johan Ludvig, *Grefve.* Mémoires. 2 tom. Berlin. 1789. 12°. Carl. 172

With a few MS. notes by Carlyle.

"This is Bookseller Pitra's Edit^n or redaction (Berlin, 1788); Academician Borelly's then *followed*, wh^h is much fuller." — MS. note on fly-leaf of tom. i.

—— Military, historical and political memoirs. Revised by M. Borelly. Vol. i. London. 1806. 8°. Carl. 171

With the autograph "T. Carlyle, Chelsea, 1859."

"An English Translation; easy enough to read; but nearly without meaning, I should fear, to readers unacquainted with the scene and subject. Hordt was reckoned a perfectly veracious, intelligent kind of man: but he seldom gives the least date, specification, or precise detail; and his Book reads, not like the Testimony of an Eye-witness, which it is, and valuable when you understand it; but more like some vague Forgery, compiled by a destitute inventive individual, regardless of the Ten Commandments (sparingly consulting even his file of Old Newspapers), and writing a Book which would deserve the treadmill, were there any Police in his trade!" *Frederick the Great*, vi. 346.

Henckel von Donnersmarck, Victor Amadeus, *Graf.* Militärischer nachlass. Herausgegeben von Karl Zabeler. 2e ausg. 2 theile. Leipzig. 1858. 8°. *Port.* and *plans.* Carl. 166

Presented to Carlyle by a grandson of the author, Count Leo Henckel von Donnersmarck, June 22, 1869, accompanied by a letter from him, enclosing copies of five letters from Prince Henry of Prussia to the author. These letters have been placed in a cover (Carl. 166^a), which contains also letters from Count von Donnersmarck, Major Parry, and F. Althaus, on the Chodowiecki engraving of Frederick at Potsdam.

Henry, *prince of Prussia.* Anekdoten, charakterzüge und kriegsfahrten aus dem leben des prinzen Heinrich's von Preussen. [*Anon.*] 4 samml. in 1 vol. Göttingen. 1803–04. 16°. Carl. 155

With the autograph "T. Carlyle, Chelsea, 1854."

Hermann, *Frater.* Von den schicksalen des klosters Lehnin und des hauses Brandenburg. Eine prophezeihung aus dem 13ten jahrhundert, erläutert aus der brandenburgischen geschichte. 2e ausg. Düsseldorf. 1808. 8°. Carl. 87

Hertzberg, Ewald Friedrich, *graf* von. Huit dissertations lues dans les assemblées publiques de l'acad. roy. des sciences & belles-lettres de Berlin, tenues pour l'anniversaire du roi Frédéric II. dans les années 1780–1787. Berlin. 1787. 8°. Carl. 48

Contents: — Les causes de la supériorité des germains sur les romains, *etc.* — Anecdotes du règne de Frédéric Guillaume le Grand, électeur, *etc.* — Réflexions sur la force des états et sur leur puissance relative et proportionelle. — Sur les révolutions des états, et particulièrement sur celles de l'Allemagne. — Sur la forme des gouvernemens, et quelle est la meilleure? — Sur la population des états en général et sur celle des états prussiens en particulier. — Sur la véritable richesse des états, *etc.* — Mémoire historique sur la dernière année de la vie de Frédéric II. roi de Prusse.

With a few MS. notes.

Histoire de la dernière guerre, commencée l'an 1756, & finie par la paix d'Hubertsbourg, le 15 février 1763. Nouvelle éd., corrigée. Berlin. 1768. 12°. Carl. 228

Carlyle doubts the authenticity of th^s place of publication.

With the autograph "T. Carlyle, Chelsea, 1856."

"Who wrote this Book? — Some poor Frenchman, fresh from reading *Rousseau* &c." — MS. note on p. 182.

The library has also the edition of 1769. 14565.5

Holle, Johann Wilhelm. Alte geschichte der stadt Bayreuth, von den ältesten zeiten bis zur abtretung derselben an die krone Preussen im jahre 1792. [With an appendix.] Bayreuth. 1833. 8°. 3 *plates.* Carl. 112

With the autograph "T. Carlyle, Chelsea, 1853"; also his MS. marginal notes and index. The book should have 4 plates; plate I. missing.

Holles, *originally* Pelham, Thomas, 1*st duke of Newcastle.* Letter, by His Majesty's order, to M. Michell, in answer to the Memorial, and other papers, deliver'd by M. Michell, to the duke of Newcastle, the 23d of Nov., and 13th of Dec. [1752]. London. 1753. 4°. pp. 46. *Lists of ships.* Carl. 222

The library has another copy, wanting "Lists of ships" [Tr. 343 (7)]. The same will be found in "A collection of scarce and interesting tracts," 1788, 8° [5422.5], and in "Controversy concerning the law of nations," 1837, 12° [38.169].

Hoppe, Rudolph Ludwig. Geschichte der stadt Hannover. Hannover. 1845. 8°. Carl. 81

With occasional marginal notes, and a MS. "Chronology of Ernst Aug^s" in envelope at beginning.

Horn, Franz (Christoph). Das leben Friedrich Wilhelms des Grossen, kurfürsten von Brandenburg. Nebst andeutungen über die idee und die spätere geschichte des preussischen staats vom jahre 1688 bis 1814. Berlin. 1814. 8°. Carl. 153

With the autograph "T. Carlyle, Chelsea, 1854."

Hübner, Johann. Genealogische tabellen, nebst denen darzu gehörigen genealogischen fragen, zur erläuterung der politischen historie. 3 theile. 1725–28. obl. f°. Carl. 60

With autograph "T. Carlyle, Chelsea, 1853," and many marginal notes and memoranda in vol. i. On the parchment cover of this volume Carlyle has written "'Oertel,' *a continuat^n*., goes along with this. N. b."

"A book of rare excellence in its kind." *Frederick the Great*, i. 48 n.

Huffumbourghausen, *Baron, pseudon.* The congress of the beasts: a farce of two acts, now in rehearsal at a new, grand theatre in Germany. 3d ed. London. 1748. 8°. pp. 61. *Plate.* Carl. 90

Huschberg, Johann Ferdinand von. Die drei kriegsjahre 1756, 1757, 1758 in Deutschland. Mit ergænzungen herausgegeben von Heinrich Wuttke. Nach bisher unbenutzten archiven. Leipzig. 1856. 8°. pp. xcviii., 723. Carl. 240

With the autograph "T. Carlyle, Chelsea, 1858," and MS. marginal notes.

Impartial review (An) of the present troubles of Germany, *etc.*, in a letter from a member of the diet at Ratisbon, to a publick minister at the Hague. Translated from the original French. London. 1743. 16°. pp. 45. Carl. 90

Johnson, Samuel. Memoirs of Charles Frederick [Frederick the Great], king of Prussia. With notes, and a continuation to the time of his death [by Mr. Harrison]. Also a geographical description of his dominions. Liverpool. [1786?] 8°. *Port. of Frederick.* Carl. 198

Dr. Johnson's portion of the work was first published in the *Literary magazine*, 1756–57.

Johnston, James, *and* **King,** Gregory. An account of the ceremony of investing His Electoral Highness of Brandenburgh with the order of the garter. Perform'd at Berlin, 6th June, 1690. London. 1690. sm. 4°. pp. 36. Carl. 92

[Joubert, ——, *l'abbé.*] Histoire des révolutions de Pologne, depuis la mort d'Auguste III., jusqu'à nos jours. 2 tom. Warsovie. 1778. 8°. Carl. 127

With MS. marginal notes by Carlyle.

"Feeble, ineffectual, totally inane & hazy Book (one *Salvandy* writer, it seems): such an Epic-Subject probably deserved such a Homer!

"Finished my distressing survey of it, 10 April, 1859." — MS. note in vol. ii. p. 306.

Attributed by Carlyle to Salvandy, but by Quérard to the abbé Joubert. Salvandy was not born till 1796.

The library has also the edition of 1775.

Kapp, Georg Friedrich Wilhelm. Erinnerungen an diejenigen markgrafen von Kulmbach-Bayreuth, welche förderer der wissenschaften gewesen sind. [Pt. i. Bayreuth. 1840.] 8°. pp. 16. Carl. 87

"A reprint from the *Archiv für Geschichte und Alterthumskunde in Ober-Franken*, Year 1841." *Frederick the Great*, i. 167 n.

[**Kletschke,** Benjamin Gotthilf.] Lezte [*sic*] stunden und leichenbegängniss Friedrichs des Zweiten, königs von Preussen. Potsdam. 1786. 4°. pp. 99. *Front.*, *vign.* and *plate.* Carl. 217

With the autograph "T. Carlyle, Chelsea, 1865."

Kloss, W. Vaterländische gemälde aus vorzeit und gegenwart; oder Geschichte des brandenburgisch-preussischen staats, von seinem entstehen bis auf die neueste zeit. 3 bde. Berlin. 1833–34. 8°. Carl. 79

The plates are all wanting except one.
With autograph "T. Carlyle, 1854," MS. table of contents, notes, etc.
"A sorry Compilation, without value, except for the old Excerpts." *Frederick the Great*, i. 100 n.

Knie, Johann G., *and* **Melcher,** J. M. L. Geographische beschreibung von Schlesien preussischen antheils, der grafschaft Glatz, und der preussichen markgrafschaft Ober-Lausitz. Abth. iii. Breslau. 1830. 8°. *Tables.* Carl. 113

Contents: — Alphabetische, topographisch-statistische uebersicht aller orte der provinz Schlesien.
With the autograph "T. Carlyle, Chelsea, 1855."

[**Knüppeln,** Julius Friedrich.] Friedrich der Einzige, nach seinem privat- und öffentlichen leben geschildert von J. F. K. 2e umgearbeitete aufl. Dessau. [1794?] 16°. *Front.* Carl. 206

Köhler, Johann David. Gedenckwürdigkeiten des jetzt lauffenden achtzehenden jahr-hunderts. ier theil, 1701–20. Nürnberg. 1739. 4°. Carl. 80

A marginal note of Carlyle's reads, — "By far the best of German 'Historians,' — tho' quite . . . out of sight to the modern reader."
A series of plates (one for each year) exhibits in pictorial form the principal events of the successive years.

—— Kurtzgefaste und gründliche teutsche reichs-historie vom anfang des teutschen reichs bis auf den badenschen frieden. Mit königlichen und kayserlichen hand-zeichen oder monogrammatibus. Franckfurth, *etc.* 1737. 4°. *Engrs.* Carl. 75

With autograph, "T. Carlyle, Chelsea, 1853," and occasional notes.
"By no means Köhler's chief Book; but this too is good, and does, in a solid effective way, what it attempts. He seems to me by far the best Historical Genius the Germans have yet produced, though I do not find much mention of him in their Literary Histories and Catalogues. A man of ample learning and also of strong, cheerful human sense, and human honesty, whom it is thrice pleasant to meet with in those ghastly solitudes, populous chiefly with doleful creatures." *Frederick the Great*, i. 46 n.
The library has also the 1767 edition. 13531.10

—— Wöchentlich herausgegebener historischer münzbelustigung. Nebst einer vorrede von Joh. Luckii. 5 jan. 1729—30 dec. 1750. 22 theile in 12 vol. Nürnberg. 1729–50. sm. 4°. Carl. 46

With occasional MS. marginal notes. On the fly-leaf of theil i. is written "Me comparabat Carolus Adrianus L: B: Wolff Metternich. 1755." His book-stamp with the initials W V M is on the title-page of several volumes and his autograph, in which he is further distinguished as "Camerarius."
"Excellent, opulent, solid & genial old Book. T. C."— Note in MS. catalogue.

—— Vollständiges register in sich enthaltend ein vierfaches verzeichnis, verfertiget von J. G. Bernhold. 2 bde. Nürnberg. 1788, '65. sm. 4°. Carl. 47

[**König,** Anton Balthasar.] Biographisches lexikon aller helden und militairpersonen, welche sich in preussischen diensten berühmt gemacht haben. 4 theile in 2 vol. Berlin. 1788–91. 8°. Carl. 77

On the title-page of vol. i. is written "Excellent, correct Book. T. Carlyle (Chelsea 1858)," and again in the Frederick (vol. i. 282) he says "A praiseworthy, modest, highly correct Book, of its kind." Many marginal notes are added in his hand.
In vol. i. is a portrait of Frederick, under which he has written "Chodowiecki's reading of the Face (a poor copy)." Of this and other portraits of Frederick he says, —
"Pesne, an excellent artist, has painted Friedrich as Prince Royal: a beautiful young man; with *moist*-looking enthusiastic eyes of extraordinary brilliancy, smooth oval face; considerably resembling his mother. After which Period authentic pictures of Friedrich are sought for to little purpose. For, it seems, he never sat to any painter, in his reigning days: and the Prussian Chodowiecki,* Saxon Graff, English Cunningham had to pick up his physiognomy from the distance, intermittently as they could."
"* Pronounce Kodov-yetski, and endeavour to make some acquaintance with this 'Prussian Hogarth,' who has real worth and originality." *Frederick the Great*, i. 283–4.

Kriele, Johann Ludwig. Ausführliche und zuverlässige historisch-militärische beschreibung der schlacht bei Kunersdorf und Frankfurt, am 12ten august 1759. Berlin. 1801. 8°. *Plan.* Carl. 238

With the autograph "T. Carlyle, 1852," and MS. marginal notes.
"Kriele was subsequent Pastor in the Parish, an excellent intelligent man; has compiled in brief form, with an elaborate Chart too, a clear account of everything, in the Battle and before and after it." *Frederick the Great*, vi. 48 n.

Küster, Karl Daniel. Characterzüge des preussischen general-lieutenants von Saldern, mit bemerkungen über seine militairische thaten und über sein privatleben. Berlin. 1793. sm. 8°. *Front.* Carl. 181

With the autograph "T. Carlyle, Chelsea, 1859," and MS. memoranda.
"One Küster — a reliable creature reporting for us on Saldern's behalf." *Frederick the Great*, vi. 274.

[**Kuniaeso,** ——, VON.] Geständnisse eines oestreichischen veterans in politisch-militärischer hinsicht auf die interessantesten verhältnisse zwischen Oestreich und Preussen, während der regierung des königs Friedrichs des Zweyten; mit historischen anmerkungen. 4 theile. Breslau. 1788–91. 8°. Carl. 120

iier–ivter theil have also the title, "Das verhältniss zwischen Oestreich und Preussen, in politisch-militärischer hinsicht."
With the autograph "T. Carlyle (Chelsea, 1865)," and his MS. memoranda.
"Strictly Anonymous at that time, and candid, or almost more, to Prussian merit; — still worth reading." *Frederick the Great*, iv. 212 n.

Kutzen, Joseph (August). Vor hundert jahren. Zwei gedenktage deutscher geschichte. 2 abth. in 1 vol. Breslau. 1857. sm. 8°. *Tables* and *plans.* Carl. 236

Contents: — i. Der tag von Kolin — ii. Der tag von Leuthen.
"A useful little compilation from many sources." *Frederick the Great*, v. 135 n.

Laing, David. Historical description of the altar-piece, painted in the reign of King James the Third of Scotland, belonging to Her Majesty, in the palace of Holyrood. Edinburgh. 1857. 8°. pp. 20. *Vign.*, *wdcts.* and *plates.* Carl. 90

Seems to have no connection with the Frederick books, but is bound up with other pamphlets

[**La Place,** Pierre Antoine DE, *and others.*] Anecdotes du nord, comprenant la Suède, le Danemarck, la Pologne, & la Russie; depuis l'origine de ces monarchies jusqu'à présent. [By P. A. de La Place, J. F. de La Croix and Ant. Hornot.] 4 pt. in 1 vol. Paris. 1770. sm. 8°. Carl. 52

With the autograph of Geo. Fred. Nott on the title-page.

Latrobe, Benjamin Henry. Characteristic anecdotes, and miscellaneous authentic papers, tending to illustrate the character of Frederic II., late king of Prussia. With explanatory notes and observations. London. 1788. 8°. **Carl. 214**

Chiefly selected from "Anekdoten und karakterzüge aus dem leben Friedrich des Zweiten."
With occasional MS. marginal notes.

[**Lavaux,** Jean Charles Thibault DE.] Vie de Frédéric II., roi de Prusse. Accompagnée de remarques, pièces justificatives, et d'un grand nombre d'anecdotes. Tom. i.–vi. Strasbourg, *etc.* 1788–89. 8°. *Port. of Frederick II.* and *vigns.* **Carl. 200**

Contents: — i. 1712 à 1756. 1788. — ii. 1756 à 1763. 1788. — iii. 1772 à 1785. 1788. — iv. Vie privée et littéraire. 1788. — v., vi. Lettres sur Frédéric. Tom. i., ii. 1789.
"A worthless, now nearly forgotten Book; but competent on this point [censorship of press], if on any; Lavaux (a handy fellow, fugitive Ex-Monk with fugitive Ex-Nun attached) having lived much at Berlin, always in the pamphleteering line." *Frederick the Great,* iii. 12 n.
The library has also another copy, tom. i., iii.–vii. 14575.3
vii. Lettres sur Frédéric. Tom. iii. — Tableau historique des deux premières années du règne de Frédéric-Guillaume II. 1789.

[——] The life of Frederick the Second. To which are added, observations, authentic documents, and a variety of anecdotes. Translated from the French. 2 vol. London. 1789. 8°. **Carl. 201**

Without the letters of the original French edition.
Vol. i. is imperfect: — the title-page is wanting, and one leaf (pp. 13–14) is badly torn.
"Author one Lavaux; a very loose creature: Book full of blunders and even lies." — "By Lavaux (a paltry conceited Ex-Monk &c.) full of ignorance & mendacitie." — MS. notes.

Ledebur, Leopold (Karl Wilhelm August), *freiherr* VON. Die heidnischen alterthümer des regierungsbezirks Potsdam. Ein beitrag zur alterthümer-statistik der mark Brandenburg. Berlin. 1852. 8°. **Carl. 89**

Leopold, *prince of Anhalt-Dessau.* Militärische biographie Leopolds des Ersten, fürsten von Anhalt-Dessau. [*Anon.*] N. P. [18..] sm. 8°. pp. (84). *Port.* **Carl. 95**

pp. 243–326 of vol. bd. of . . . . . .

Lichtenau, Wilhelmine (ENKE RIETZ), *Gräfinn.* Mémoires; contenant des anecdotes secrètes sur la cour de Prusse: et suivis de lettres du comte de Bristol, de Sir Arthur Paget, de Sir William et Lady Hamilton, de Lady Templetown, du chevalier de Saxe, &c. Traduits de l'allemand. 2 tom. Londres. 1809. 12°. **Carl. 180**

With the autograph "T. Carlyle, 1859."

[**Lind,** John.] Letters concerning the present state of Poland. With the manifesto of the courts of Vienna, Petersburgh, and Berlin. And the letters patent of the king of Prussia. 4 pt. in 1 vol. London. 1773. 8°. **Carl. 128**

Attributed by Carlyle to a Rev. Mr. Lindsey, but by Lowndes, followed by Halkett & Laing and Allibone, to John Lind.
With the autograph "T. Carlyle, Chelsea, 1859," and many MS. marginal notes.
"You are pretty much like a dog gone *mad*; and have taken no *human* pains to know black from white, or *is* from *is-not*, upon it, — unfortunate barking individual!" — MS. note on p. 64 of pt. ii.

Lisle, James George Semple. Life; containing a faithful narrative of his alternate vicissitudes of splendor and misfortune. Written by himself. Interspersed with interesting anecdotes, and authentic accounts of important public transactions. London. 1799. 8°. *Port.* **Carl. 143**

Containing an account of his visit to the camp of Frederick the Great in 1784, with some anecdotes of that king.
"Sharking vagabond. T. C." — Note in MS. catalogue.

Lloyd, Henry. Histoire de la guerre d'Allemagne, pendant les années 1756 et suivantes; traduite et redigée par le C. Roux Fazillac. [To which is appended "Relation de la campagne du roi de Prusse en 1744, écrite par lui-même."] 2 tom. in 1. Paris. 1803. 8°. **Carl. 234**

Tom. ii. is compiled from the papers of M. de Montazet and others.
With the autograph "T. Carlyle, Chelsea, 1859."
"Lloyd, . . . who has solid information at first hand, having been an actor in these Wars A man of great natural sagacity and insight; decidedly luminous and original, though of somewhat crabbed temper now and then; a man well worth hearing on this and whatever else he handles." *Frederick the Great,* v. 56 n.

—— Mémoires militaires et politiques. Servant d'introduction à l'Histoire de la guerre en Allemagne en 1756. Traduits et augmentés de notes et d'un Précis sur la vie de [Lloyd], par un officier français [M. de Romance, marquis de Mesmon]. Paris. 1801. 8°. **Carl. 233**

With the autograph "T. Carlyle, Chelsea, 1858."

Löschenkohl, Johann. Schema, aller uniform der kaiserl. königl. kriegsvölkern. Wienn. N. D. 8°. 7 *portrs.* and 138 *plates.* **Carl. 105**

With the book-plate of William Henry, duke of Clarence, afterwards William IV., king of England.

Lomonosof, Mikhail. Kurzgefasstes jahr-buch der russischen regenten: aus dem russischen übersetzt durch Peter von Stählin. Neue verbesserte aufl. Riga. 1771. 8°. pp. 72. **Carl. 151**

With MS. marginal notes by Carlyle.
"Kind of Russian annals. Not so readable even as one would think." — MS. note.

Lützow, Leo (Adolph Marquard), *freiherr* VON. Die schlacht von Hohenfriedberg oder Striegau am 4. juni, 1745. Ein beitrag zur geschichte des zweiten schlesischen krieges. [With appendices.] Potzdam. 1845. 8°. *Plans* and *tables.* **Carl. 81**

"An excellent, faithful account, the best I have seen of any battle — read dec^r 1855. T. C." — MS. note on p. 158.

Macdonald, John, *translator.* Rules and regulations for the field exercise and manœuvres of the French infantry. Issued Aug 1, 1791. Translated from the French ["Règlement concernant l'exercice et les manœuvres de l'infanterie. Du 1^er août 1791"]. With explanatory notes. 2d ed. 2 vol. London. 1806. 8°. 41 *plates.* **Carl. 104**

With the book-plates of William Henry, duke of Clarence, afterwards William IV., king of England, and of his son Col. Fitz Clarence, earl of Munster.

Manstein, Christoph Hermann VON. Memoirs of Russia, historical, political, and military, from the year 1727 to 1744. Translated from the original [French] manuscript [Edited by David Hume.] London. 1770. 4°. *Maps* and *plans.* **Carl. 68**

With autograph "T. Carlyle, Chelsea, 1857," and memoranda.
The library has also the edition of 1856.
"See pp. 1–73 for some account of Peter II.; and the rest of the volume for a really intelligent history of this Anne [Great Peter's Niece], at least of her wars, where Mannstein himself usually had part." *Frederick the Great,* ii. 26 n.

Maria Theresa, *empress of Germany, pseudon.* Memoirs of the queen of Hungary. Written by herself, and found in Vienna after she had retired from that city. Done into English from the Antwerp edition. London. 1741. 8°. pp. 28. **Carl. 90**

Carlyle calls it "a foolish satirical hoax."

[**Mauduit,** Israel.] Considerations on the present German war. London. 1761. 8°. **Carl. 91**

"This is the famous 'Mauduit Pamphlet': first of those small stones, from the sling of Opposition *not* obliged to be dormant, which are now beginning to rattle on Pitt's Olym-

pian Dwellingplace, — high really as Olympus, in comparison with others of the kind, but which unluckily is made of *glass* like the rest of them!

"Is still to be met in old Collections and on Book-stalls; but produces little save weariness to a modern reader. 'Hanover is not in real danger,' argues he; 'if the French had it, would not they, all Europe ordering them, have to give it up again?' Give it up, — *gratis*, or in return for Canada and Pondichery, Mauduit does not say. Which is an important omission! But Mauduits grand argument is that of expense; frightful outlay of money, aggravated by ditto mismanagement of same." *Frederick the Great*, vi. 264, 265.

See **Reasons** in support of the war in Germany, in answer to Considerations on the present German war. 1761. 8°. Carl. 91

Maupertuis, Pierre Louis Moreau de. Œuvres. Nouvelle éd. Corrigée et augmentée. 4 tom. Lyon. 1756. 4°. *Large paper. Portrs.* Carl. 74

The library has also the edition of 1752, and a small paper (8°) copy of 1756, with only one portrait in place of the two in Carlyle's copy.

—— Essay de cosmologie. Leide. 1751. 16°. Carl. 93

"This is the *source* of the König-M[s] controversy, and, in the long run of V[re]'s *Dr. Akakia!*" — MS. note on title-page.

The library has also an English translation, 1738

—— La figure de la terre, determinée par les observations faites au cercle polaire. Amsterdam. 1738. 12°. Carl. 98

"Maupertuis's 'measurement of a degree' in the utmost North, 1736–7 (to prove the Earth flattened there). Vivid Narrative; somewhat gesticulative, but duly brief. The only Book of that great Maupertuis which is now readable to human nature." *Frederick the Great*, ii. 420 n.

—— Maupertuisiana. Hambourg. 1753. 8°. *Vign.* Carl. 133

A collection of pamphlets relating to the controversy between Maupertuis, König and Voltaire. Contains only a portion of the articles given in the table of contents.

With the autograph "T. Carlyle, Chelsea, 1858"; also his MS. memoranda and marginal notes.

"The Pieces are literally a *Farrago*, — not *reprinted* for this Hambs Publicat[n]; but in various type, and stitched together. Two of them, seemingly both by König, and very clearly written, *Appeal to the Public*, and *Defense of the Appeal* (in wh[h] are a good few letters accurately dated) contain for us the most of what a reader now wants with the affair." — MS. note.

[**Mauvillon,** Éléazar.] Histoire de la dernière guerre de Bohême. 3 tom. in 2. Francfort. 1745–47. 16°. *Plans.* Carl. 224

The library has also another copy. 14564.12

"*Used* the King of Belgium's copy; at *length*, from Germany & Loudon, patched this together! T. C." — Note in MS. catalogue.

[——] Histoire de Frédéric Guillaume I., roi de Prusse et électeur de Brandebourg, &c. Par Mr. de M***. 2 tom. Amsterdam, *etc.* 1741. 12°. *Portrs.* Carl. 147

Each vol. has the autograph "T. Carlyle, Chelsea, 1855," and a few MS. notes.

"Jordan to Frédéric, Berlin 10 jan[r] 1741 . . . 'qui à peine mérite d'être feuilleté. Le style Français n'en vaut rien; il est écrit sans gout, sans jugement, et même sans prudence.' — Really good History 'that will abolish this,' is [being published] *at the Hague* (also 1741) Adrien Moetjens Bookseller, one La Martinière secretly author, says Jordan." — MS. note by Carlyle on fly-leaf of tom. i.

"A vague flimsy Compilation; — gives abundant 'State-Papers' (to such as want them), and echoes of old Newspaper rumour. Very copious on Creutz." *Frederick the Great*, i. 280, 281 n.

The library has another copy of tom. ii. 14573.16

[——] The life of Frederick-William I., late king of Prussia. Containing many authentick letters and pieces, necessary for understanding the affairs of Germany. Translated by William Phelips. London. 1750. 8°. Carl. 145

"Not ill translated; the Book itself being of little merit. (Sent me by 'Mr. Shepherd, Brompton,' whom I don't know, dec[r] 1862. — T. Carlyle.") — MS. note on fly-leaf.

Mauvillon, Jakob. Geschichte Ferdinands herzogs von Braunschweig-Lüneburg. 2 theile. Leipzig. 1794. 16°. Carl. 161

Each volume has the autograph "T. Carlyle, Chelsea, 1854," and MS. marginal notes.

Mayer, Charles Joseph. Reisen Josephs II. unter dem namen des grafen von Falkenstein, nach Italien, Böhmen und Frankreich. Aus dem französischen übersetzt. Leipzig. 1778. sm. 8°. Carl. 123

With the autograph "T. Carlyle, Chelsea, 1853."

"Minute and rather entertaining Account of his procedures there [in France], and especially of his two Visits to the Academy." *Frederick the Great*, vii. 150 n.

[**Meissner,** August Gottlieb.] Leben Franz Balthasar Schönberg von Brenkenhof. Leipzig. 1782. 8°. *Port. of Brenkenhof* and *tables.* Carl. 182

With the autograph "T. Carlyle, Chelsea, 1865."

Meissner, Johann Gottlieb. Kurze beschreibung von Schlesien. 2[e] ausgabe. Liegnitz. 1797. 8°. *Table.* Carl. 114

With the autograph "T. Carlyle, Chelsea, 1855."

"A very meritorious Book: *multum in parvo* ab[t] Silesian matters." — MS. note on title-page.

Michaelis, August Benedict. Einleitung zu einer volständigen geschichte der chur- und fürstlichen häuser in Teutschland. i[er], ii[er] theil; — Fortgesetzt von J. W. Hamberger. iii[er] theil. 3 theile. Lemgo. 1759–85. 4°. *Geneal. tables.* Carl. 69

Imperfect: — iii. 637–672 wanting.

With autograph "T. Carlyle, Chelsea, 1853," and many MS. notes and additional memoranda and extracts. In the front of vol. i. is a note in Carlyle's hand on the various authors by the name of Michaelis and on this one in particular. He says, "This A. Benedict M[s] went from Halle as Extr Prof of Philosophy to Göttingen (1753–56); thence to Altona, where he died, 1768, age 43. This is his principal work, — worth little;" and he has added, "This A[s] B[s] Michaelis, it further appears, was known in Göttingen as a lover of *brandy*, — alas! (Busching's Autobiography, 6th vol. of *Beytrâge.*)"

[**Michell,** Louis.] Exposition of the motives which have determined the king (of Prussia), upon the repeated instances of his subjects trading by sea, to procure an indemnity for the losses which they have sustained by the depredations and violences of the English privateers. *Fr.* and *Eng.* London, *etc.* 1752. 8°. Carl. 90

Also contained in the "Controversy concerning the law of nations," printed in the "Cabinet library of scarce and celebrated tracts, vol. i. Edin. 1837."

"A good few dreary old Pamphlets of Michel's publishing (official Declaration, official Arguments, Documents, in French and English, 4to and 8vo, on this extinct subject), if you go deep into the dust-bins, can be disinterred here to this day. Tread lightly, touching only the chief summits." *Frederick the Great*, iv. 427.

Mirabeau, Honoré Gabriel Riquetti, *comte* de. Œuvres. Tom. iii. Paris. 1821. l. 8°. Carl. 84

Contents: — Histoire secrète de la cour de Berlin. Lettre à Frédéric-Guillaume II.

"No Gov[t] ever had a *spy* of such ability. What a sight (for France and for himself) that of such a man employed as a 'spy.' A truly grand power of insight is visible in this poor Book, — the only really genial Book (such as it is!) I have ever read on Prussia. Dim vacant *twilight* all the others, this blazes like noon-day. Poor Mirabeau!" — MS. note on p. 403.

On p. 246 he notes, — "A dreadfully ugly fellow; and such a flash of insight, such a fire of faculty in him withal; — enough to swallow a poor official man, or consume him to ashes!"

The book contains many more of his notes and his autograph, "T. Carlyle, Chelsea, 1853."

The library has also the Paris edition of 1822.

Montalembert, Marc René, *marquis* de, *and others.* Correspondance de M. le marquis de Montalembert, étant employé par le roi de France à l'armée suédoise, avec le marquis d'Havrincour,

le maréchal de Richelieu, les ministres du roi à Versailles, &c. pendant les campagnes de 1757, 58, 59, 60 & 61. Pour servir à l'histoire de la dernière guerre. 3 tom. Londres [Neufchâtel]. 1777. 8°. Carl. 134

With the autograph "T. Carlyle, Chelsea, 1856" in each vol., and with a few MS. marginal notes and memoranda.
"*Correspondance avec &c., étant employé par le Roi de France à l'Armée Suédoise*, 1757–1761 ('with the Swedish Army,' yes, and sometimes with the Russian, — and sometimes on the French Coasts, ardently fortifying against Pitt and his Descents there: — a very intelligent, industrious, observant man; still amusing to read, if one were idler), *à Londres* (evidently Paris)." *Frederick the Great*, v. 265 n.

Moser, Johann Jacob. Lebens-geschichte. [With a list of his works. Offenbach.] 1768. 16°. Carl. 96

Müller, Ludwig (Christian). Kurzgefasste beschreibung der drei schlesischen kriege zur erklärung einer kupfertafel auf welcher sechs und zwanzig schlachten abgebildet sind. Berlin 1785. 4°. pp. 103. [*Plate wanting.*] Carl. 66

"This Müller's Book is a meritoriously brief Summary, incorrect in no essential particular, and with all the Battle-Plans on one copper-plate: — *Lieutenant* Müller, this one; not *Professor* Müller *alias* Schottmüller by any means!" *Frederick the Great*, v. 314 n.

—— Tableau des guerres de Frédéric le Grand, ou Plans figurés de vingt-six batailles, *etc.* traduit de l'allemand. Potzdam, *etc.* 1788. 4°. pp. 92. *Plate.* Carl. 66

With autograph "T. Carlyle, Chelsea, 1858" and many marginal notes in his hand. On the fly-leaf he writes "A Book of Considerable merit, I judge."

Neues genealogisches reichs- und staats-handbuch auf das jahr 1774. 8 theile. Frankfurt am Mayn. 1774. sm. 8°. Carl. 57

Interleaved, and with many additions and notes in a Ger: man hand and others by Carlyle. On the fly-leaves of vol. ii. and iii. is his autograph, "T. Carlyle, Chelsea, 1858."
"*A Frankfurt almanack*, with many MS. Notes; — was a sole resource in sev[l] cases." — Note in MS. catalogue.

Nicolai, (Christoph) Friedrich. Anekdoten von könig Friedrich II. von Preussen, und von einigen personen, die um ihn waren. Nebst berichtigung einiger schon gedrukten anekdoten. 6 hefte in 2 vol. Berlin, *etc.* 1788–92. 16°. Carl. 211

With a portrait of Nicolai on fly-leaf of 1st vol.
"Nicolai's *Anekdoten* alone are of sure authenticity; the rest, occasionally true, and often with a kind of *mythic* truth in them worth attending to, are otherwise of all degrees of dubiety, down to the palpably false and absurd." *Frederick the Great*, iii. 55 n.

[——] Freymüthige anmerkungen über des ritters von Zimmermann Fragmente über Friedrich den Grossen, von einigen brandenburgischen patrioten. 2 abth. in 1 vol. Berlin, *etc.* 1791–92. 8°. Carl. 197

With a copy of a letter from Zelter to Goethe on "Surgical inspection of F[k]'s body."

Oertel, Friedrich Maximilian. Genealogische tafeln zur staatengeschichte der germanischen und slawischen völker im neunzehnten jahrhunderte, nebst einer genealogisch-statistischen einleitung. Nebst einem bis zu ende des jahres 1846 fortgeführten nachtrag. Leipzig. [1847.] obl. 8°. Carl. 55

With the autograph "T. Carlyle, Chelsea, 1854," and with copious MS. notes. On the outside of Hübner's *Geneal. tabellen* [Carl. 60] Carlyle has written "'Oertel,' a *continuatn*, goes along with this. N. b."
The library has also the 2d edition, 1857, with supplement, 1858–66, and 3d edition, 1877.

Officer's manual (The) in the field; or, A series of military plans, representing the principal operations of a campaign. Translated from the German. London. 1798. sm. 4°. pp. 70. 61 *plates.* Carl. 103

Operations (The) of the British and the allied arms, during the campaigns of 1743 and 1744, historically deducted. Dublin. 1745. 8°. pp. 48. Carl. 90

Orlich, Leopold VON. Geschichte der schlesischen kriege, nach original-quellen. 2 theile in 1 vol. Berlin. 1841. 8°. *Plans* and *map.* Carl. 219

With the autograph "T. Carlyle, Chelsea, 1858," and MS. marginal notes.
Containing many letters from the Dessau archives.
"To all but strictly military people these pieces of Letters are the valuable feature of Orlich's Book; and a general reader laments that it does not all consist of such, properly elucidated and labelled into accessibility." *Frederick the Great*, iii. 152 n.

Pauli, Karl Friedrich. Leben grosser helden des gegenwärtigen krieges. 9 theile in 3 vol. Halle. 1759–64. 8°. *Portrs., vigns.* and *tables.* Carl. 151

i[er], ii[te] theil are "2[e] aufl."
With MS. memoranda and occasional marginal notes.
"Our old diffuse friend." *Frederick the Great*, v. 76 n.

[**Pelletier,** H. L.] Frédéricana, ou Recueil d'anecdotes, bon mots, et traits piquans de Frédéric II., roi de Prusse. Paris. [1801.] 24°. *Port. of Frederick.* Carl. 212

Pezzl, Johann. La vie du feldmaréchal, baron de Loudon; traduite de l'allemand, par le baron de Bock. Nouvelle éd. revue, corrigée et augmentée, par un ancien officier. 2 pt. in 1 vol. Vienne, *etc.* 1792. 12°. *Port. of Loudon.* Carl. 122

With MS. memoranda and marginal notes.
"Pezzl, of whom I never heard before, holds by the truth when he knows it; otherwise no great things of a Biographer, worth hearing chiefly in Part ii. (where he had some personal knowledge) from p. 86 to end. — *Item* (slightly) as a voice of Austria, saying all he can ag[t] Fr[k] on every occasion." — MS. note.

Pitt, Moses. The English atlas. 4 vol. Oxford, *etc.* 1680–83, 82. f°. Carl. 1

Contents: — i. The places next the north-pole; as also Muscovy, Poland, Sweden, Denmark and their dependances [*sic*]. 1680. ii., iii. Germany. By W. Nicolson, abp. of Cashel. 1681–83. iv. Netherlands. By R. Peers. 1682.
Pitt intended to include in this work a description of both heaven and earth (see his introduction), but no other volumes were published. For his sufferings in consequence of the expenses incurred in its publication, see his "Cry of the oppressed, being a true account of the sufferings of imprisoned debtors."

Pocci, Franz, *graf* VON, *and* **Jürgens,** A. Alte und neue soldaten lieder. Mit bildern und singweisen. Leipzig. [1842.] sm. 4°. pp. 48. Carl. 89

Has been much cut down in binding. The library has also another copy.

[**Pockels,** Karl Friedrich.] Carl Wilhelm Ferdinand, herzog zu Braunschweig und Lüneburg. Ein biographisches gemälde dieses fürsten. Tübingen. 1809. sm. 8°. *Port. of the duke of Brunswick-Luneburg.* Carl. 162

With the autograph "T. Carlyle, Chelsea, 1854."

Podewils, Otto, *graf* VON Der wiener hof in den jahren 1746–1748. Diplomatische relationen des bevollmächtigten minister in Wien an Friedrich II. Von Adam Wolf. *Fr.* [Wien. 1850.] 8°. pp. 78. Carl. 81

"Aus dem oct.-hefte des jahrg. 1850 der *Sitzungsberichte der phil.-hist. cl. der kais. akad. d. wiss.* besonders abgedruckt."
With a few MS. notes by Carlyle.
"A curious set of *Reports* for Friedrich's information, by Podewils, his Minister there." *Frederick the Great*, iv. 39 n.

Pöllnitz, Karl Ludwig, *freiherr* VON. Lettres, contenant les observations qu'il a faites dans ses voyages, et le caractère des personnes qui composent les principales cours de l'Europe. 4[e] éd. 3 tom. Londres. 1741. 12°. *Front.* Carl. 175

Pöllnitz, Karl Ludwig, *freiherr* von. Memoiren zur lebens- und regierungsgeschichte der vier letzten regenten des preussischen staats. Aus dem französischen übersetzt. 2 bde. Berlin. 1791. 16°. Carl. 174

With the autograph "T. Carlyle, Chelsea, 1852" in each vol.

"A vague, inexact, but not quite uninstructive or uninteresting Book: Printed also in *French*, which was the Original, same place and time." *Frederick the Great*, i. 240 n.

—— Memoirs. Being the observations he made in his travels from Prussia through Germany, Italy, France, &c. In letters to his friend. 3d ed. 5 vol. London. 1745. 12°. Carl. 176

With the autograph "T. Carlyle, Chelsea, 1853" in each vol.; also with MS. memoranda.

"The three first volumes he calls *Letters*; and to the fourth and fifth he has given the title of *Memoirs*; which is that we have chosen for our translation of the whole." — *Preface, by the translator*, vol. iv.

"Only worth consulting, cautiously, as loose contemporary babble, — written for the Dutch Booksellers, one can perceive." *Frederick the Great*, ii. 68 n.

The library has also the 2d ed., 1739–40, 4 vol.

[——] La Saxe galante. [Memoirs of Frederick Augustus I., king of Poland.] Ouvrage curieux. Amsterdam. 1735. 12°. Carl. 97

With the autograph "T. Carlyle, Chelsea, 1853" on the fly-leaf.

Political analysis of the war (A): the principles of the present political parties examined; and a coalition propos'd between two great men [Lord Bute and Mr. Pitt]. London. 1762. 8°. pp. 65. Carl. 91

Pregitzer, Johann Ulrich, *the younger*. Teutscher regierungs- und ehren-spiegel, vorbildend des Teutschen Reichs ersten anfang, fortleitung, *etc.*, besonders des hauses Hohenzollern ursprung, und herrlichkeiten. Berlin. 1703. f°. 89 *plates*. Carl. 61

With a few MS. notes.

"A learned and painful book: by a Tübingen Professor, who is deeply read in the old Histories, and gives Portraits and other Engravings of some value." *Frederick the Great*, i. 62 n.

Preuss, Johann David Erdmann. Friedrich der Grosse mit seinen verwandten und freunden. Eine historische skizze. Berlin. 1838. 8°. Carl. 203

With MS. notes by Carlyle; also with his memoranda of "Friedrich der Grosse, eine lebensgeschichte," 5 vol., a larger work by Preuss, which Carlyle seems not to have owned, but often quotes in his "Frederick the Great."

—— Die lebensgeschichte des grossen königs Friedrich von Preussen. Ein buch für jedermann. 2e wohlfeile ausgabe. 2 theile. Berlin. 1837. 8°. Carl. 202

Imperfect: — The portrait is wanting.

With MS. memoranda by Carlyle.

"The Herr Doctor J. D. E. Preuss, 'Historiographer of Brandenburg' devoted wholly to the study of Friedrich for five-and-twenty years past. . . . A meritoriously exact man; acquainted with the outer details of Friedrich's Biography (had he any way of arranging, organising or setting them forth) as few men ever were or will be." *Frederick the Great*, i. 247 n.

Prussia — *Crown*. 1740–1786. (Frederick II.) A rescript of the king of Prussia to Mr. D'Andrie, his minister at the British court: whereby H. M. orders him to declare the motives which obliged him to supply the emperor with auxiliaries. *Fr.* and *Eng.* London. 1744. 8°. pp. 31. Carl. 90

With MS. notes.

Pütter, Johann Stephan. Tabvlae genealogicae ad illvstrandam historiam imperii Germaniamqve principem. Goettingae. 1768. 4°. tab. xxii. Carl 64

[**Ranft,** Michael.] Des weltberühmten fürstens Leopoldi von Anhalt-Dessau leben und thaten, welchem einer beschreibung des hoch-fürstlichen hauses und fürstenthums Anhalt beygefüget ist. Leipzig. 1742. sm. 8°. Carl. 95

With MS. memoranda by Carlyle.

Reasons in support of the war in Germany, in answer to Considerations on the present German war [by Israel Mauduit]. London. 1761. 8°. pp. 60. Carl. 91

[**Remer,** Julius August.] Geschichte des ursprungs und wachsthums des pabstthums, von der ersten stiftung der christlichen gemeinden bis auf die reformation. Frankfurt, *etc.* 1770. 8°. Carl. 151

Rentsch, Johann Wolfgang. Brandenburgischer ceder-hein, worinnen des hauses Brandenburg aufwachs- und abstammung, *etc.* aus denen archiven und andern documenten zusammen getragen worden. Bareut. 1682. 16°. Carl. 53

With autograph "T. Carlyle, Chelsea, 1853," and frequent MS. marginal notes and memoranda.

"Important old Book. T. C." — Note in MS. catalogue.

Riesbeck, Kaspar, *styling himself Baron*. Travels through Germany, in a series of letters; written in German, and translated by Mr. Maty. 3 vol. London. 1787. 8°. Carl. 183

With MS. memoranda and occasional marginal notes by Carlyle.

"A kind of Playactor and miscellaneous Newspaper-man in that time (not so opulent to his class as our is); who takes the title of 'Baron' on this occasion of coming out with a Book of Imaginary '*Travels*.' Had personally lived, practising the miscellaneous arts, about Lintz and Salzburg, — and may be heard on the look of the Country, if on little else." *Frederick the Great*, ii. 271 n.

Rödenbeck, Karl Heinrich Siegfried. Beiträge zur bereicherung und erläuterung der lebensbeschreibungen Friedrich Wilhelms I. und Friedrichs des Grossen. ier bd. Berlin. 1836–[37]. 8°. *Plate*. Carl. 186

No more published.

With a few MS. notes by Carlyle.

—— [Anhang.] Tagebuch oder geschichtskalender aus Friedrich's des Grossen regentenleben (1740–1786). 3 bde. Berlin. 1840–42. 8°. Carl. 187

Contents: — i. 1740–1759. 1840. — ii. 1760–1769. 1841. — iii. 1770–1786. 1842.

With frequent MS. marginal notes.

"A meritorious, laborious, though essentially chaotic Book, unexpectedly futile of result to the reader; settles for each Day of Friedrich's Reign, so far as possible, where Friedrich was and what doing; fatally wants all index &c., as usual." *Frederick the Great*, iii. 7 n.

—— Another copy of ier bd., pp. 1–288, in 2 vol. *Interleaved*. Carl. 188

With MS. notes and memoranda.

Rulhière, Claude (Carloman) de. Histoire de l'anarchie de Pologne et du démembrement de cette république; suivie des anecdotes sur la révolution de Russie, en 1762. 4 tom. Paris. 1807. 12°. Carl. 124

"Rulhière's Book has its considerable merits; but it absolutely wants those of a History; and can be recognized by no mind as an intelligible cosmic Portraiture of that chaotic Mass of Occurrences: chronology, topography, precision of detail by time and place; scene, and actors on scene, remain unintelligible. Rulhière himself knew Poland, at least had looked on it from Warsaw outwards, year after year, and knew of it what an inquiring Secretary of Legation could pick up on those terms, which perhaps, after all, is not very much. His Narrative is drowned in beautiful seas of description and reflexion; has neither dates nor references; and advances at an intolerable rate of slowness; in fact, rather turns on its axis than advances; produces on you the effect of a melodious Sonata, not of a lucid and comfortably instructive History.

"Rulhière has heard the voices of rumour, knows an infinitude of events that were talked of; but has not discriminated which were the vital, which were the insignificant;

treats the vital and the insignificant alike; seldom with satisfactory precision; mournfully seldom giving any date, and by no chance any voucher or authority." *Frederick the Great*, vii. 35, 36.
The library has also the edition of 1807, 8°.

—— The history, or Anecdotes, of the revolution in Russia, in 1762. Translated from the French. London. 1797. 16°. *Port. of Catherine II.* Carl. 95; Carl. 129

Rumpf, Johann Daniel Friedrich. Der fremdenführer, oder Wie kann der fremde, in der kürzesten zeit, alle merkwürdigkeiten in Berlin, Potsdam, Charlottenburg und deren umgebungen, sehen und kennen lernen. 2e aufl. Berlin. 1829. 12°. *Front.* Carl. 119

With the autograph "T. Carlyle, Chelsea, 1853."

—— Neuester wegweiser durch die königl. Preuss. Staaten. iie bdchen. Berlin. 1798. sm. 8°. *Front., vign.* and *plate.* Carl. 117

Contents: — Beschreibung der merkwürdigkeiten der königlichen schlösser in Berlin, Charlottenburg, Schönhausen, in und bey Potsdam. Neu vermehrte aufl. 1796 [1798].

Sackville, *afterwards* GERMAIN, George, *1st viscount Sackville.* See **Germain.**

Sammlung ungedruckter nachrichten, so die geschichte der feldzüge der preussen von 1740 bis 1779 erläutern. ier–ver theil. Dresden. 1782–85. 8°. *Tables.* Carl. 226

No more published.

Savage, John. A compleat history of Germany, comprehending the lives and reigns of all the emperors from its origin to this time. London. 1702. 8°. *Ports.* Carl. 58

With the autograph "T. Carlyle, Chelsea, 1854" and MS. marginal notes. The name of "R. C. Edwards" is also on the fly-leaf.
"Who this Mr. Savage was, we have no trace. Prefixed to the volume is the Portrait of a solid Gentleman of forty; gloomily polite, with ample wig and cravat, — in all likelihood some studious subaltern Diplomatist in the Succession War. His little Book is very lean and barren; but faithfully compiled, — and might have some illumination in it, where utter darkness is so prevalent. Most likely Addison picked his story of the *Siege of Weinsberg* (Women carrying out their Husbands on their back, — one of his best *Spectators*) out of this poor Book." *Frederick the Great*, i. 220 n.

[**Schaper,** Christophe DE.] Vie militaire du maréchal prince Ferdinand duc de Brunsvic et de Lunebourg &c. pendant la guerre de sept ans en Westphalie. ier, iid tom. 2 tom. Magdebourg, *etc.* 1796–98. 8°. Carl. 163

No more published.
With the autograph "T. Carlyle, Chelsea, 1856" in each vol.
"A careful Book; of an official exactitude, like Westphalen's, — and appears to be left incomplete like his." *Frederick the Great*, v. 223 n.

Schlösser, Kurd VON. Chasot. Zur geschichte Friedrichs des Grossen und seiner zeit. Berlin. 1856. 8°. Carl. 237

"Smooth, but vague." — MS. note on fly-leaf.
"A pleasant little Book; tolerably accurate, and of very readable quality." *Frederick the Great*, ii. 350 n.

—— Die familie von Meyern in Hannover und am markgräflichen hofe zu Baireuth. Berlin. 1855. 8°. Carl. 89

Schmettau, Friedrich Wilhelm Karl, *graf* VON. Lebensgeschichte des grafen [Samuel] von Schmettau. Von seinem sohne. 2 theile in 1 vol. Berlin. 1806. 8°. Carl. 165

With the autograph "T. Carlyle, Chelsea, 1854"; also MS. memoranda and marginal notes.
"Not good for much." — MS. note.

—— Mémoires raisonnés sur la campagne de 1778, en Bohême, par l'armée prussienne. Berlin. 1789. 4°. *Maps.* Carl. 73

With autograph "T. Carlyle, Chelsea, 1858."

—— Über den feldzug der preussischen armee in Böhmen im jahre 1778. Berlin. 1789. 4°. Carl. 72

With MS. memoranda and marginal notes, some in Carlyle's hand, some in German. On the title-page is the autograph "v. Laurent."

Schmidt, Johann. Geographie und geschichte des herzogthums Berg; der grafschaft Mark; des Ruhrdepartements und des chemaligen österreichischen herzogthums Limburg. Crefeld. 1804. sm. 8°. Carl. 115

With the autograph "T. Carlyle, Chelsea, 1857."

[**Schnakenburg,** Valentin Friedrich, *and* **Schmidt,** Valentin Heinrich.] Wegweiser für fremde und einheimische durch die königl. residenzstädte Berlin und Potsdam und die umliegende gegend, enthaltend eine kurze nachricht von allen daselbst befindlichen merkwürdigkeiten. 3e vermehrte ausg. Berlin. 1813. sm. 8°. Carl. 118

Schöning, Kurd Wolfgang VON. Militairische correspondenz des königs Friedrich des Grossen mit dem prinzen Heinrich von Preussen. ier, iver bd. Berlin, *etc.* 1851–54. 8°. *Namely:* —

i. Der siebenjährige krieg. ier bd. 1851. Carl. 241
iv. Der bayersche erbfolgekrieg. 1854. Carl. 242
With the autograph "T. Carlyle."
"Gift of H.R.H. the Grand-Duchess of Weimar, sent me thro' Marshall, April 185–. T. C." — MS. note on title-page.

Schottmüller, *formerly* MÜLLER, (Gustav) Adolf. Die schlacht bei Leuthen. Eine jubelschrift. Berlin. 1857. 8°. pp. 62. *Map.* Carl. 88

—— Die schlacht bei Roszbach. Eine jubelschrift. Berlin. 1857. 8°. *Map.* Carl. 88

"'A Centenary Piece,' containing several curious Extracts." *Frederick the Great*, v. 208 n.

—— Die schlacht bei Zorndorf. Eine jubelschrift. Berlin. 1858. 8°. pp. 83. *Map.* Carl. 88

The first two contain occasional notes in Carlyle's hand.

[**Schulenburg-Klosterrode,** Friedrich Albrecht, *graf* VON DER.] Die herzogin von Ahlden, stammutter der königlichen häuser Hannover und Preussen. Leipzig. 1852. 8°. Carl. 81

"A considerable dreary mass of books, pamphlets, lucubrations, false all, and of no worth or of less, have accumulated on this dark subject [the Königsmark tragedy], during the last hundred-and-fifty years; nor has the process yet stopped, — as it now well might. For there have now two things occurred in regard to it. *First*: In the year 1847, a Swedish Professor, named Palmblad, groping about for other objects in the College Library of Lund (which is in the country of the Königsmark connexions), came upon a Box of Old Letters, — Letters undated, signed only with initials, and very enigmatic till well searched into, — which have turned out to be the very Autographs of the Princess and her Königsmark; throwing of course a henceforth indisputable light on their relation. *Second thing*: A cautious exact old gentleman, of diplomatic habits (understood to be 'Count von Schulenburg-Klosterrode of Dresden'), has, since that event, unweariedly gone into the whole matter; and has brayed it everywhere, and pounded it small; sifting, with sublime patience, not only these Swedish Autographs, but the whole mass of lying books, pamphlets, hints and notices old and recent; and bringing out (truly in an intricate and thrice wearisome, but for the first time in an authentic way) what real evidence there is. In which evidence the facts, or essential fact, lie at last indisputable enough. His Book, thick Pamphlet rather, is that same *Herzogin von Ahlden* (Leipzig, 1852) cited above. The dreary wheelbarrowful of others I had rather not mention again; but leave Count von Schulenburg to mention and describe them, — which he does abundantly, so many as had accumulated up to that date of 1852, to the affliction more or less of sane mankind." *Frederick the Great*, i. 22 n.

[**Seckendorf,** Theresius Joseph Karl Sigismund Ludwig, *freiherr* VON.] Versuch einer lebensbeschreibung des feldmarschalls grafen von Seckendorff, meist aus ungedruckten nachrichten bearbeitet. ier, iier theil. [Leipzig.] 1792. 16°. *Port. of count von Seckendorf.* Carl. 177

With the autograph "T. Carlyle, Chelsea, 1856 — from Hamburg, thro' Br Ja"; also MS. memoranda.

Ségur, Louis Philippe, *comte* DE. History of the principal events of the reign of Frederic William II., king of Prussia; and a political picture of Europe, from 1786 to 1796. Translated from the French. 3 vol. London. 1801. 8°. *Port. of Frederic William II.* Carl. 149

With the autograph "T. Carlyle, Chelsea, 1856" in each vol.; also MS. marginal notes by Carlyle.

The library has also another copy [14552.13]; and the original French with the title "Tableau historique et politique de l'Europe," 1803 [14552.11].

Selle, Christian Gottlieb. Krankheitsgeschichte des höchstseeligen königs von Preussen, Friedrich's des Zweyten majestät. Berlin. 1786. 16°. pp. 64. Carl. 217[a]

With the autograph "T. Carlyle, 1865."

"A very small Pamphlet, now very rare; — giving in the most distinct, intelligent, modest and conclusive way, an account of everything pertinent, and rigorously of nothing else." *Frederick the Great,* vii. 230 n.

[**Seyfart,** Johann Friedrich.] Geschichte des [seit 1756] in Deutschland und dessen angränzenden landern geführten krieges. [By J. F. S. i[er]–iv[er] theil. Frankfurt, *etc.* 1759–62. 4°. *Plans, maps* and *tables.* Carl. 232

With the autograph "T. Carlyle, Chelsea, 1856"; also MS. marginal notes and memoranda.

"'Anonymous of Hamburg'... I call my J. F. S., — having fished him out of the dust-abysses in that City: a very poor take; yet worth citing sometimes, being authentic, as even the darkest Germans generally are." *Frederick the Great,* iii. 120 n.

[——] Kurzgefasste lebens- und regierungsgeschichte der verstorbenen kaiserin Marie Theresie. Leipzig. 1781. sm. 8°. Carl. 93

With marginal notes by Carlyle, and a MS. index.

"Poor anonymous man; very dull, loyal and exact; if his work is worth little, the wages he claims are nothing! Thanks to him. (21 feb[y] 1856.)" — MS. note on p. 384.

[——] Lebens- und regierungs-geschichte Friedrichs des Andern, königs in Preussen. Mit Beylagen. 3 theile in 5 vol. Leipzig. 1784–88. sm. 8°. *Port. of Frederick, vigns.* and *tables.* Carl. 193

With MS. memoranda by Carlyle.

"A work of immense research; w[d] have been invaluable as a Dictionary; but in its present state, as a 'Book,' shot together into blind masses, with[t] even an Index, is very surprising! 3 small voll. with immense Appendixes, and circumambient clouds of Notes; *last* vol. posthumous, and by another hand. Seyfarth served in the Fr[k] wars; Regiments-Auditeur, 'at Halle' in time of Peace." — MS. note.

—— Another copy of "Beylage zu dem i[en] theile." Carl. 194

Imperfect: — pp. xxiii.–xxxiv. wanting.

Seyler, George Daniel. Leben und thaten Friedrich Wilhelms des Grossen, churfürstens zu Brandenburg, &c. &c. Franckfurt, *etc.* [1730.] f°. Carl. 61

Siebenjährige krieg (Der), als heldengedicht, gewidmet dem alten ruhme und den neuen ehren des preussischen heeres. Aus des Grossvaters erzählungen. Berlin. 1850. 8°. *Portrs.* Carl. 89

Soldier's companion (The); containing instructions for the drill, manual, and platoon exercise, as commanded by His Majesty: intended for the use of the volunteers of this country. [With] a few observations on first forming a military corps. 43d ed. London. [18..] sm. 8°. pp. 40. *Front.* and *plates.* Carl. 122

St., E. VON. Der feldzug in Mähren, oder Die belagerung und der entsatz von Olmütz. [With an appendix containing "Kurze biographische notizen über berühmte österreichische und preussische führer und officiere aus dem feldzuge von 1758."] Frankfurt am Main. 1858. 8°. *Maps.* (Zum säcular-gedächtniss von 1758.) Carl. 237

With MS. marginal notes on the appendix.

Stammliste der königlich preussischen armee seit dem 16[ten] jahrhundert bis 1840. Berlin. [1840.] 8°. *2 plates.* Carl. 105

[**Stanhope,** Philip Henry, *5th earl Stanhope.*] Last years of Frederick the Second. [London. 1847.] 8°. pp. 39. Carl. 218

Quarterly review, lxxxii. 1–39.

"Sent me by L[d] Stanhope, the Author of it. T. C." — Note in MS. catalogue.

Stanislas I. (LESZCZYNSKI), *king of Poland.* The history of Stanislaus I. [With] A relation of his retreat from Dantzick: in a letter to a person of distinction, written by himself. Translated from the French. London. 1741. 12°. Carl. 125

[**Still,** Christoph Friedrich VON.] The king of Prussia's campaigns. With remarks on the causes of the several events. Translated from the original French. London. 1763. 12°. Carl. 221

With the autograph "T. Carlyle, Chelsea, 1858," and MS. marginal notes.

"An intelligent, desirable little Volume, — many misprints in the English form of it." *Frederick the Great,* iii. 344 n.

"His military writings were once in considerable esteem with professional men; and still impress a lay reader with favorable mention towards Stille, as a man of real worth and sense." *Ditto,* ii. 376.

Stuhr, Peter Fedderson. Die brandenburgisch-preussische kriegs-verfassung, zur zeit Friedrich Wilhelms, des grossen kurfürsten. i[er] theil. Berlin. 1819. 8°. Carl. 111

No more published.

With autograph "T. Carlyle, 1858."

"Book sent me long years ago; *sender,* poor Varnhagen, now dead: oct[r] 1858.

"Book totally without *index,* division, or visible arrange[t]; otherwise containing many curious things." — MS. notes on fly-leaf.

Thiébault, Dieudonné. Mes souvenirs de vingt ans de séjour à Berlin; ou, Frédéric le Grand, sa famille, sa cour, *etc.* 2[e] éd., revue et corrigée. 5. tom. Paris. 1805. 8°. Carl. 141

Contents: — i. Frédéric le Grand. — ii. Frédéric et sa famille. — iii. Frédéric, sa cour, les voyageurs, et les ministres étrangers. — iv. Frédéric et son gouvernement civil et militaire. — v. Frédéric, son académie, ses écoles, et ses amis littérateurs et philosophes.

"Always stupid, incorrect, and the prey of stupidities." *Frederick the Great,* iv. 41.

The library has also the edition of 1860. 2 tom. 3597.24

Tissot, Simon André. The life of M. Zimmerman. Translated from the French. London. 1797. 16°. *Port. of Zimmerman.* Carl. 179

With the autograph "T. Carlyle, Chelsea, 1857."

Toland, John. An account of the courts of Prussia and Hanover; sent to a minister of state in Holland. London. 1705. sm. 8°. pp. xii., 87. Carl. 94

With autograph of Carlyle, and a few marginal notes.

"Toland, a mere broken Heretic in his own country, who went thither [to the court of Prussia] once as Secretary to some Embassy (Embassy of Macclesfield's, 1701, announcing that the English Crown had fallen Hanover-wards), and was no doubt glad, poor headlong soul, to find himself a gentleman and Christian again, for the time being, — admires Hanover and Berlin very much; and looks upon Sophie Charlotte in particular as the pink of women. Something between an earthly Queen and a divine Egeria; 'Serena' he calls her; and in his high-flown fashion, is very laudatory.

"Toland's other Book ['Letters to Serena'], which has reference to her, is of didactic nature ('immortality of the soul,' 'origin of idolatry,' &c.), but with much fine panegyric direct and oblique." *Frederick the Great,* i. 31, 32 n.

—— Letters to Serena; as also, A letter to a Gentleman in Holland, [and] Motion essential to matter. London. 1704. sm. 8°. Carl. 94

On the 1st fly-leaf is the autograph "T. Carlyle (Chelsea, 1858)," and on the 2d "T. Carlyle, Chelsea, 1856 from Alex Gilchrist kindness."

The library has another copy.

Valfons, Charles DE MATHEI, *marquis* DE. Souvenirs du marquis de Valfons, 1710–1786. Publiés par son petit-neveu, le marquis de Valfons. Paris. 1860. 18°. Carl. 138

With the autograph "T. Carlyle, 1861."

"A poor, considerably noisy and unclean little Book; which proves unexpectedly worth looking at, in regard to some of those poor Battles and personages and occurrences; the Bohemian Belleisle-Broglio part, to my regret, if to no other person's, has been omitted, as extinct, or undecipherable by the Grand-Nephew." *Frederick the Great*, iv. 195 n.

Varnhagen von Ense, Karl August (Ludwig Philipp). Leben des feldmarschalls grafen von Schwerin. Berlin. 1841. 16°. Carl. 157

With the autograph "T. Carlyle, Chelsea, 1844."

—— Leben des feldmarschalls Jakob Keith. Berlin. 1844. 16°. Carl. 158

With the author's autograph, and a few MS. marginal notes by Carlyle.

Pasted on the inside of the cover is a MS. containing an account of the death of Frederick the Great, also of Keith's death, copied from Lord Dover's *Life of Frederick the Second*, vol. ii. pp. 465 and 146–147.

—— Leben des generals grafen Bülow von Dennewitz. Berlin. 1853. 8°. *Port. of Bülow von Dennewitz.* Carl. 169

With the author's autograph.

—— Voltaire in Frankfurt am Main, 1753. [Berlin. 1846.] 16°. pp. 92. Carl. 139

Republished from the *Berliner kalender* for 1846.

With the author's autograph; also the autograph and MS. notes of Carlyle.

"At length, recently, a precise impartial hand, the Herr Varnhagen, thought of looking into the Archives; and has, in a distinct, minute and entertaining way, explained the truth of it [the Frankfurt Affair] to everybody; — leaving the Voltaire Narrative in rather sad condition." *Frederick the Great*, iv. 414.

Voltaire, François Marie AROUET DE. Glaubens-bekenntnis des Herrn F. M. Arouet von Voltaire. Nebst vorgesetzten dazu gehörigen stücken. [Translated from the French.] Frankfurt, *etc.* 1769. 16°. pp. 47. *Vign.* Carl. 96

Wegführer, Johann. Leben der kurfürstin Luise, gebornen prinzess von Nassau-Oranien, gemahlin Friedrich Wilhelm des Grossen. Leipzig. 1838. sm. 8°. Carl. 93

Wette, Gottfried Albin DE. Kurzgefasste lebensgeschichte der herzoge zu Sachsen welche vom churfürst Johann Friedrich an, bis auf den herzog Ernst August Constantin zu Weimar regieret haben. Weimar. 1770. sm. 8°. Carl. 54

With a few MS. marginal notes.

Weymarn, Hans Heinrich, *ritter* VON. Ueber den ersten feldzug des russischen kriegsheeres gegen die preussen im jahr 1757. Ein merkwürdiger beytrag zur geschichte des siebenjährigen krieges. Herausgegeben von A. W. Hupel. Riga. 1794. sm. 8°. *Plan of the battle of Gross-Jägersdorf.* Carl. 95

William V., *prince of Orange, stadholder of the Netherlands.* [A collection of pamphlets relating principally to the rejoicings on occasion of the visits of prince William V. to various towns in Holland.] 18 pam. in 1 vol. 1759–73. 8°. Carl. 150

Namely: —

WAGENAAR, Jan. 'T verheugd Amsterdam, ter gelegenheid van het plegtig bezoek hunner koningklyke hoogheden, Willem, prinse van Oranje en Nassau, enz., en zyne gemaalinne Fredrica Sophia Wilhelmina, op maandag, den 30 may, en eenige volgende dagen des jaars 1768. 2e druk. Amsterdam. 1768. *Vign.*

SCHROBSAAG, Cornelis. Aanmerkingen, over de voorgaande en teegenwoordige toestand van zyn geweesenen confrater Jan Smit. [Amsterdam? 1768?] pp. 8.

WAGENAAR, Jan. Eenige redeneerkundige aanmerkingen, op 'T verheugd Amsterdam. En over het verschil van dien schryver, met den Mr. Timmerman Jan Smit, over zekere uitdrukkingen in 'T verheugd Amsterdam. Amsterdam. 1768. pp. 29.

SMIT, Jan. Onderrichting. Omtrent alles wat 'er wegens de teekening en bouwing der berugte vorstelyke loge; als mede eenige aanmerkingen over zeker papiertje, Bericht genaamd, door Yntema en Tieboel. 2e druk. Amstrdam. 1768. pp. 34.

WAGENAAR, Jan. Berigt aan de leezers van Het verheugd Amsterdam. [Amsterdam. 1768.] pp. (4). *Plate.*

SMIT, Jan. Historie-, dicht-, taal-, oordeel-, redeneer-, en zedekundige opheldering van zeker advertissement, door Jan Smit, in diverse Haarlemsche couranten geplaatst. Amsterdam. [1768?] pp. (8).

VERLICHT en juichend Amsteldam, of Heuchelyk zomertochtje, van hunne hoogheden de prince en princesse van Orange, enz. Leyden. 1768. pp. (4), 68. *Plate.*

HOEFNAGEL, Nicolaas. Het juichend Noord-Holland, of Verhaal van de reize van Willem den Vyfden, prinse van Oranje, enz. den 21st en 22 july 1773. Amsteldam. 1773. pp. (8), 71. *Port. of William V.*

BERIGT wegens de receptie, en kort verblyf, van Willem den Vyfde, te Broek in Waterland, op den 21 july 1773. Purmerende. [1773.] pp. (15).

OMSTANDIG relaas, der blyde aankomst van Willem de Vyfde, plegtig ingehaalt binnen de stadt Monnickendam, op den 21 july des jaars 1773. Purmerende. [1773.] pp. (15).

ECHT en omstandig relaas, der blyde aankomst van Willem de Vyfde, plegtig ingehaald binnen de stad Purmerende, op den 21 july 1773. Purmerende. [1773.] pp. (28).

WOLFF, Adriaan, and *Mme.* Elizabeth (BEKKER). Aanspraak en gedicht aan Willem den Vyfden, prince van Oranje; met een verhaal van hoogstdeszelfs reize door de Middel-Beemster, den 21 july 1773. Hoorn. 1773. pp. 16.

ERMAN, Jean Pierre. Predikatie uitgesproken in de kerk van Berlyn, op den 4 oct. 1767 by gelegenheid van het huwelyk, tusschen Willem de Vyfde, prins van Orange &c. en Sophia Frederika Wilhelmina, princesse van Pruyssen. Uit het frans vertaalt, door J. P. I. Du Bois. Berlyn, *etc.* [1767.] pp. 32.

HOEFNAGEL, Nicolaas. Het verheugd Friesland, of Verhaal van de reize van Willem den Vyfden, prince van Orange, enz. gedaan van den 24 july tot den 3 aug. 1773. Amsterdam. 1773. *Plate.*

VOORBEELD (Een) der waare helden-deugd: aangetoond en aan 't heldere daglicht gesteld, in de uitmuntende karacters en geaardheden van vorst Willem Karel Hendrik Friso en Anna van Brunswyk Lunenburg, prins en princesse van Oranje, enz. Amsterdam. 1759. pp. 16. *Plate.*

KLAGTEN der onlangs ingezakte amsteldamsche muider poort, aan den zoogenaamde hout of amsteldamsche plantagie. [Amsterdam. 1771?] pp 24. *Plate.*

ROSKAM, voor den schryver welke de muider poort, spreekende heeft ingevoert. Amsterdam. [1771?] pp. 16.

VERANTWOORDIGING van den schryver der Klagten van de muider poort, aan den schryver der Roskam. Amsterdam. [1771?] pp. 16.

Witzleben, (Gerhard) August VON. Aus alten parolebüchern der berliner garnison zur zeit Friedrichs des Grossen. Berlin. 1851. 8°. pp. 89. Carl. 81

Wuttke, (Johann Karl) Heinrich. Die entwicklung der öffentlichen verhältnisse Schlesiens vornämlich unter den Habsburgern. 2 bde. Leipzig. 1842–43. 8°. Carl. 220

Also with the title, "König Friedrichs des Grossen besitzergreifung von Schlesien und die entwicklung der öffentlichen verhältnisse in diesem lande bis zum jahre 1740. iter, iter theil."

With the autograph "T. Carlyle."

"I bought this Book at Berlin hurriedly in 1852, hoping it wd tell me something about the 'Besitzergreifung': alas, it never gets to that at all, but so far as I know remains sticking here. (Chelsea, 1 septr 1854.)" — MS. note on p. 452 of iter bd.

—— Persönliche gefahren Friedrichs des Grossen, im ersten schlesischen kriege. Leipzig. 1841. 8°. pp. 42. Carl. 87

Introduction to his "Geschichte der besitzergreifung Schlesiens *etc.*" "This is mostly nonsense; — not entirely without interest either." — "A man of much platitude, alas!" — MS. notes.

[**Zeiller,** Martin.] Topographia Bohemiæ, Moraviæ et Silesiæ, das ist, Beschreibung vnd eigentliche abbildung der vornehmsten vnd bekandtisten stätte vnd plätze in dem königreich Boheim vnd einverleibten landern, Mähren vnd Schlesien. [By M. Z.] Franckfurt. 1650. f°. *Maps*, etc. **Carl. 63**

Forms a part of Zeiller's great "Beschreibung und abbildung der vornehmsten oerter. 41 pt. 1641–72." With the autograph "T. Carlyle, Chelsea, 1852" and a few MS. notes. On the title-page is written "Sum Wendelini Reigell, Lucerne, 1725" and the stamp "Kantons bibliothek Luzern."

"A rather worthless old Book, like the rest of Zeiller's in that kind." *Frederick the Great*, iii. 192 n.

Zimmermann, Johann Georg, *ritter* VON. Fragmente über Friedrich den Grossen zur geschichte seines lebens, seiner regierung, und seines charakters. 3 bde. Leipzig. 1790. 16°. **Carl. 195**

See [Nicolai, Christoph Friedrich.] Freymüthige anmerkungen über des ritters von Zimmermann Fragmente, *etc.* **Carl. 197**

—— Ueber Friedrich den Grossen und meine unterredungen mit ihm kurz vor seinem tode. [With an appendix.] Leipzig. 1788. 8°. **Carl. 190**

"A Book, which made immense noise in the world, and is still read, with little profit or none, by inquirers into Friedrich. An unwise Book; abounding in exaggeration; breaking out continually into extraneous sallies and extravagancies, — the source of which is too plainly an immense conceit of oneself." *Frederick the Great*, vii. 234.

Scrap-book containing papers and newspaper cuttings relating to the Carlyle bequest. 4°. **Carl. 243**

Contents: —

Letter from R. W. Emerson to President Eliot dated 14 March 1870, concerning Mr. Carlyle's bequest.

Carlyle's catalogue of the books. — "Catalogue, *Harvard*, for R. W. EMERSON when his ans^r comes. — 3d or 4th *edit^n*; not yet quite correct, nor capable of being made so in pres^t circ^l (T. C. 16 dec^r 1869.)" — Note by Carlyle.

Copies of the will.

Papers respecting a mask of Cromwell's face; *viz.* — Memoranda of Thomas Woolner, and Letter from Professor Norton, who presented the cast to the library.

Further papers relating to the bequest of Carlyle's library; *viz.* — Business correspondence, invoice, and catalogue.

Professor HERBERT TUTTLE of Cornell University has kindly communicated information on the authorship of two works entered above under "Frederick II. — Anonymous Works." The "Helden-, staats-, und lebens-geschichte" is by Christian Friedrich Hempel. The "Natural reflexions on the present conduct of His Prussian Majesty" is by Lord Chesterfield. See "Preussische staatschriften aus der regierungszeit Friedrichs des Grossen," Berlin, 1877, i. 50, 582.

Library of Harvard University.

BIBLIOGRAPHICAL CONTRIBUTIONS.

EDITED BY JUSTIN WINSOR,
LIBRARIAN.

No. 27.

A FEW NOTES

CONCERNING THE RECORDS OF HARVARD COLLEGE.

By ANDREW McFARLAND DAVIS.

CAMBRIDGE, MASS.:
Issued by the Library of Harvard University.
1888.

Already issued or in preparation:

A Star prefixed indicates they are not yet ready.

VOL. I.

1. EDWARD S. HOLDEN. Index-Catalogue of Books and Memoirs on the Transits of Mercury.
2. JUSTIN WINSOR. Shakespeare's Poems: a Bibliography of the Earlier Editions.
3. CHARLES ELIOT NORTON. Principal books relating to the Life and Works of Michelangelo, with Notes.
4. JUSTIN WINSOR. Pietas et Gratulatio. An Inquiry into the authorship of the several pieces.
5. LIST OF APPARATUS in different Laboratories of the United States, available for Scientific Researches involving Accurate Measurements.
6. THE COLLECTION OF BOOKS AND AUTOGRAPHS, bequeathed to Harvard College Library, by the Honorable Charles Sumner.
7. WILLIAM C. LANE. The Dante Collections in the Harvard College and Boston Public Libraries.
8. CALENDAR of the Arthur Lee Manuscripts in Harvard College Library.
9. GEORGE LINCOLN GOODALE. The Floras of different countries.
10. JUSTIN WINSOR. Halliwelliana: a Bibliography of the Publications of James Orchard Halliwell-Phillipps.
11. SAMUEL H. SCUDDER. The Entomological Libraries of the United States.
12. A LIST OF THE PUBLICATIONS of Harvard University and its Officers, 1870–1880.
13. SAMUEL H. SCUDDER. A Bibliography of Fossil Insects.
14. WILLIAM H. TILLINGHAST. Notes on the Historical Hydrography of the Handkerchief Shoal in the Bahamas.
15. J. D. WHITNEY. List of American Authors in Geology and Palæontology.
16. RICHARD BLISS. Classified Index to the Maps in Petermann's Geographische Mittheilungen. 1855–1881.
17. RICHARD BLISS. Classified Index to the Maps in the Royal Geographical Society's Publications. 1830–1883.
18. JUSTIN WINSOR. The Bibliography of Ptolemy's Geography.
19. JUSTIN WINSOR. The Kohl Collection of Early Maps.
20. WILLIAM C. LANE. Index to Recent Reference Lists, no. 1. 1884–1885.

VOL. II.

21. A LIST OF THE PUBLICATIONS of Harvard University and its Officers, 1880–1885.

*22. JUSTIN WINSOR. Calender of the Sparks Manuscripts in Harvard College Library.

23. WILLIAM H. TILLINGHAST. List of the Publications of Harvard University and its Officers, 1885–1886.
24. WILLIAM C. LANE. Index to Recent Reference Lists, no. 2. 1885–1886.
25. W. G. FARLOW and WILLIAM TRELEASE. List of Works on North American Fungi.
26. WILLIAM C. LANE. The Carlyle Collection.
27. ANDREW McF. DAVIS. A few notes on the Records of Harvard College.
28. WILLIAM H. TILLINGHAST. List of Publications of Harvard University and its Officers, 1886–1887.
29. WILLIAM C. LANE. Index to Recent Reference Lists, no. 3. 1887.

A FEW NOTES

CONCERNING THE RECORDS OF HARVARD COLLEGE.

By ANDREW McFARLAND DAVIS.

The Records of Harvard College have been carefully examined by several diligent and competent students. The histories of Peirce and Quincy bear testimony to the use which those authors made of them. The thorough analysis of the several books of old records made by the latter in the appendix to his first volume, and the copious extracts which he then published, furnish much information concerning the character of the books and their contents. Sibley, in his *Harvard Graduates* and in contributions to the Massachusetts Historical Society, has also made public much that is of interest. Yet there is a great deal remaining unpublished which is both interesting and valuable. Neither of the gentlemen who have thus made use of the records could do more than make selections. The limitations under which they severally worked necessarily compelled them to leave untouched considerable material, some of which rivals in interest that of which they made use. It is rare indeed that a gleaner in an historical field which has been so thoroughly worked, has so favorable an opportunity afforded for selecting from material which may be termed original, as is offered to him who has access to these records.

THE CONTENTS OF A MISSING BOOK OF RECORDS.

In the account of the burning of Harvard Hall, in 1764, which is entered in the Donation Book, the statement is made that the first book of records was destroyed in this fire. Quincy, in his analysis of the Records, says: "There is no College Book extant denominated No. II.; but that which is now called No. I., and by President Wadsworth is referred to as such, is sometimes in later College Books referred to as No. II." Following the suggestion contained in the paragraph, he had the volume, when bound, labelled I. & II. It will be observed that Quincy relies upon Wadsworth for proof that this volume was recognized as No. I. in Wadsworth's time. The Donation Book was compiled by Dr. Andrew Eliot, and the statement therein made that the first book of records was destroyed in the fire is probably to be credited to him. Wadsworth was, however, better authority as to what book should be called Book No. I. than Dr. Eliot. Both he and Leverett were diligent searchers of the early records of the College. They stood side by side in the quarrel concerning the rights of resident fellows to places in the Corporation, and sought for precedents in the records. Both of them carefully examined the early gifts of land to the College, and did what they could to remedy previous negligence in protecting the rights of the College. The traces of their labors are to be found in numerous marginal cross references in the records. It was probably through some of the marginal references by Wadsworth that Quincy was able to identify the book which Wadsworth denominated No. I., although it may have been by means of a topical index to the early books of record in Wadsworth's hand-writing, which is still in existence. By means of these marginal references, as well as of the Index, we verify the fact that Wadsworth called the book now in the Archives, which contains the record of the meeting of the Governors of the College at which the seal was adopted, Book No. I. By selecting from the Index the several references to Book II., we can obtain a fair knowledge of the contents of the only volume analyzed by Wadsworth which is not now in existence, being probably the same volume referred to in marginal references in the record, in Leverett's hand-writing, as "Old Overseers' Records."

The earliest date found in the Index, in reference to Book II., is 1654; the latest 1682. Pages are referred to from 3 to 73. We have therefore an analysis of a record covering seventy pages and including transactions which took place during twenty-eight years. A few of the entries relate to the College estate. Some of them are historical in character. The majority, however, refer to rules

and regulations for the conduct of officers and students, the references being of such a nature as enables us easily to identify the rules in transcripts which exist in Books I. and III. Through one entry we learn that "the Overseers chose a Clark, An. 1654." The name of "Thomas Danforth, Clerk," certifies some of the transcripts in the College Books. Danforth's name appears as Treasurer in the Charter of 1650, and it is probable that he was the clerk who was then chosen. At any rate the date of the election is also the date of the first entry in this book, and when taken in connection with the character of its contents, would indicate that the missing book was the first book of records of the Overseers. It is easy to understand that the six magistrates and six elders who were named in 1636 to "take order for a College at Newtown," having no definite authority and no prescribed functions of office, might neglect to keep a record of their meetings, if any they ever held. Even after the establishment of the Board of Overseers in 1642, with perpetual succession and definite duties, it is evident that it must have been a severe tax upon the majority of the members to attend meetings. When, therefore, they had prescribed rules for the conduct of affairs at Cambridge, and Dunster, who, *ex officio*, was a member of the Board, had taken a copy of these rules to Cambridge, they might well excuse themselves from taking pains to preserve any voluminous records of the transactions of these widely separated meetings. When Dunster petitioned for a Charter in 1650, it was probably because he felt the necessity for some more compact and more tangible governing body. If I am right in my conjectures as to the character of the missing volume, it was probably the incorporation of the College, combined with the growing importance of the institution, which spurred the Overseers to a more complete organization, and led them to keep a consecutive record of their meetings. The latest entry in the book recorded in the Index was 1682. Danforth, who, we have seen, was Clerk of the Overseers during a part of this period, was in 1682 Treasurer for the second time. On the first of January, 1682–83, he turned over the funds to his successor. With his departure from the scene the record ceases. Under the Charter of 1692, the Overseers disappeared for a time, and their records were not revived until the Charter of 1650 was reinstated. Having thus briefly outlined the history of the records of the Overseers, it may be proper to add — although in no way connected with this Index — that the Corporation records do not appear to have been regularly entered until President Hoar's time. After 1672 there appears to have been more system in keeping the records of Corporation meetings.

Common-placing, a rule concerning which is referred to in the third entry in the Index, consisted in delivering an exposition upon some common-place topic. Sewall in his diary gives the titles of two of these exercises. They were "Man, as created in God's image," and "The creation of the Soul." Although common-placing was not by any fair interpretation of its meaning limited to sermons, it is not improbable that such was the meaning attached to it in the Harvard Rules.

The course of study at Cambridge, when the College was founded, as given in "New England's first fruits," was a three years' course. Prof. H. B. Adams, in "The study of History in American Colleges," has published a Tabular View of Harvard College, 1642–43," made up from the course given in that pamphlet. The entry in the Index, "First degree, An. 1654, denied to those of three years' standing," probably points to the time when a four years' course was required. There was nothing in the "Laws, Liberties, and Orders of Harvard College" which indicated how long a candidate for a degree was required to be at the College. The entry concerning the President's horse, which was apparently to be "repaired" as well as "kept" at College charge, is easy to understand. Wadsworth first made the entry that the President's horse was to be kept at the College charge; then finding some items about repairs to his house being also paid for by the College, he sought for a suitable place to make the entry. The words "President's horse" attracted his eye, and mistaking them for "President's house," which in his hand-writing they closely resemble, he hastily interlined the word "repaired," and left on the record the statement that the President's horse was repaired at College charge.

It is to be lamented that the analysis of this book, which has been preserved to us through the Index, is not more comprehensive. Inasmuch, however, as we find so little in the Index which is new, we may infer that Books I. and III. contain, in the extracts transcribed there, the more valuable parts of this book.

Index, compiled by President Wadsworth, to the missing volume of the Harvard Records, denominated by him No. II., and called by President Leverett "Old Overseers' Records."

Not board out of College without leave, p. 21.
Commons, not live out of, without leave, p. 21.
Common-placing, if numbers small, once a month, p. 24.
Commencers — not have more than one gallon wine; methods to prevent disorders at Commencements, p. 37, 71.
3 gallons allowed, p. 71.
Commencement ordered to be on second Wednesday in Sept. and to continue so, 20.. 5.. 1682, p. 73.

Corporation and Overseers sometimes met at y^e^ same time, p. 26, 29, 31.
The Overseers directed y^e^ Corporation (An. 1667) to take care about regulating inconveniencies and disorders at Commencements, p. 26, 71.
Commencement, how managed in 1681 wh. no President, p. 70, 71.
Dues to y^e^ College to be pd. to y^e^ Steward, p. 4.
Detriment, 5s. a quarter for those who live out of College, A.D. 1660, p. 21.
First Degrees, An. 1654, denied to those of three years' standing, p. 5.
A Scholar in Debt above 20 days to be turned out of his study, p. 6.
In debt above a month after Quarter Bill given in to be looked on as not belonging to y^e^ Coll., p. 21.
To pay a quarter beforehand and that from time to time, p. 30.
Coll. Exercises. Com placing, disputing, declaiming neglected, punishable by y^e^ President, not exceeding 5^s^, p. 24.
Coll. Estate, p. 18, 19.
Fellows — must dwell — lodge in Coll. be in y^e^ Hall at meal times, 1666, p. 25.
Freshmen — not to be compelled by Sen^rs^, p. 30.
Fellows — in want of a President to carry on Coll. affairs, p. 3, 70.
Fellows — Y^e^ Chambers rent free, p. 4.
Fellows — Difference of salaries, why, p. 32.
Fellows — Salaries 12£, An. 1654, p. 3.
Charlestown Ferry — let at 40£, 1654, p. 3.
The Senior Fellow to be a Proctor or Visitor. (Suppos'd to be at Comencement time) to *visit Chambers*, suppress disorders, p. 37, 71.
A gift to y^e^ Coll. of 60£ per An. for 7 years (An. 1669) from gentlemen at Portsmouth, Piscataqua, p. 32.
Mr Chauncy install'd President 27th of y^e^ 9th, 1654, p. 16.
Coll. Laws. An. 1642–1646, p. 21–2.
Library, laws about it, p. 27.
Lands belonging to y^e^ Coll., p. 38.
Overseers choose a clark, An. 1654, p. 3.
President's House and Fence mended by y^e^ Treasurer, p. 48, A.D. 1654, and a quarter out of every Student's Tuition money went to y^e^ President's Salary, p. 3, 33.
His house and land rent free, p. 37, 48, wh. y^e^ President's place was offered to Mr Chauncy, A.D. 1654, An 100£ Salary was offered at y^e^ same time, p. 15.
President. 10£ gratuity from y^e^ Coll. to him, 10£ more gratuity y^e^ same year, 1660, p. 22, and twice in 1667, p. 31 — Once 1671, p. 33.
Punishment — to y^e^ sum of 5^s^ may be inflicted by the President, may punish for y^e^ neglecting of Coll. Exercises, disputing, declaiming, &c. A.D. 1663, p. 24.
Punishment, Corporal, in case, p. 30.
Portsmouth Donation of 60£ per. An. for 7 years, from 1669, p. 32.
President Chauncy buried at College charge, p. 39.
When President's place vacant, Fellows to do y^e^ work and have greater allowance for it, p. 39, 70.
President's Salary (An. 1654) p. 3, p. 7, justified by y^e^ Overseers, 1672, shld be 150£ at least, y^e^ General Court to be addressed about it, p. 47–49. Coll. gave 100£ to defray ye charge of Dr. Hoar's transportation from Engl., he being chosen President, p. 51.
repaired, p. 33–35–48.
President's horse kept at College charge.
Repairs of Publick Coll., damages to be at y^e^ charge of all y^e^ undergraduates, A.D. 1663, p. 23.
Mr Dunster resigned his Presidentship, 24 of y^e^ 8th, 1654, p. 15.
Dr Hoar resigned his Presidentship 15—1—1675, p. 63.
Mr Sedgwick's gift of a shop to y^e^ Coll. 1646, p. 19.
Scholars of y^e^ House, their duty, 4 Scholarships, p. 19.
Coll. Stock, 1669, p. 18, p. 19.
Coll. Stock. Income of it to maintain Coll. Officers, p. 30.
Coll. Steward to collect all quarter's dues, p. 4.
Tutor's Salaries. 4£ per An. B. 1, p. 3, and A.D. 1644, y^e^ 3 Fellows had, y^e^ First, 12£; y^e^ 2d 11£; y^e^ 3d 10£ per An. (in 1654, Bk. 2, p. 3, 4) besides wt yy had from their Pupils. Addition in different degrees to y^e^ salaries, p. 32.
Fellows had chambers and studies rent free, p. 4.
For Tuition some gave more, some less, p. 4.
Tuition money (as well as other College dues) to be paid to y^e^ Coll. Steward, p. 4.
Quarter dues to be paid from time to time beforehand, p. 30, 62.

Books given to the Library by John Harvard, Peter Bulkley, Sir Kenelme Digby, and Governor Bellingham.

In 1638 John Harvard left his library to the College. In 1647 Dunster, in a letter to the Indian Commissioners, stated that the library was especially defective in books on law, philosophy, physics, and mathematics, "the furnishing whereof would be both honorable and profitable to the country in general, and in an especial manner to those scholars whose various inclinations to all professions might thereby be encouraged." The author of "New England's first fruits," a tract published in 1649, says that the College had "a large library with some books in it, the gifts of diverse of our friends." In the first book of College records there are entered lists of books received from John Harvard, from Peter Bulkley, from Governor Bellingham, from Sir Kenelme Digby, and from Governor Winthrop.

The Catalogue of the books given to the Library by John Harvard was entered in a hand-writing which has been identified as that of Dunster. It is curious to note the doubt as to the spelling of the name, which was first written Hervertus, for which Harvardus was afterwards substituted. If the hint contained in this entry had caught the eye of some skilled genealogist while the search was still being blindly prosecuted in England for some trace of Harvard's family, perhaps the time devoted to this purpose might have been materially shortened.

The Catalogue is an author's list, anonymous works being entered by title. What arrangement there is consists in an alphabetical grouping, no care being taken to follow the alphabetical arrangement beyond the first letter of the first word. Binder's titles are generally used, but in some instances, especially where the work was published in several volumes, the character of the work is more fully set forth. No attempt at uniformity is made in the manner of entry. Thus we have "Lord Verulam: Nat: History," "Maxey's Ser-

mons," "Downame, his warfare." In Latin titles, the case of the author's name is sometimes the nominative, sometimes the genitive. The attempt has been made in the published list given herewith, to reproduce the Catalogue as it is entered in the records. As a rule it is not difficult to do this, for Dunster's writing is easy to decipher; but occasionally a doubt may arise whether the title of some obsolete work has been correctly transcribed. The Catalogue of the Library, published in 1723, in which nearly one half of the titles can be identified, has been of service in this behalf. The number of entries in the Catalogue is 250. The number of volumes is not disclosed, but there were evidently over 300; Quincy says there were 260. This is an under-estimate, and may be explained by the fact that several volumes are sometimes grouped after an author's name, as if they were but one title. A curious interest attaches to this list of books. Its careful study by some competent person familiar with the bibliography of the times, would perhaps furnish more information concerning the literary taste and habits of mind of John Harvard than has been collected during the years of diligent gleaning in parish and college records and in probate offices on both sides of the Atlantic. Sixty five per cent of the books were entered under Latin titles. The remaining thirty five per cent are given in English, save that the title of the βασιλικον δῶρον is given in Greek letters, and that a Greek word is introduced in the title of a work attributed to "Francklin." As would naturally be expected, the greater part of the books were of a theological character, sixty two per cent of the library being devoted to expositions of the Scripture, doctrinal discussions, and polemical disquisitions. There was a fair representation of the Classics, among which are to be found Cicero's de Officiis, Terence, Juvenal, Sallust, Horace with Stephanus's notes, Lucan, Plutarch, and the orations of Isocrates in Greek and Latin. Law and Medicine were represented. The former in a collection of Statutes and a form book for a Justice of the Peace; and the latter in a few books devoted to the subject of hygiene. History was represented by a few volumes, among which was Camden's Remains. The library, although not rich in works treating on Philosophy, Logic, and Ethics, was not altogether destitute of titles bearing on these topics. A slight taste for poetry is indicated by the presence of Poetarum Flores, Thesaurus Poeticus, Quarles' Poems, and by the title "Withers," which may perhaps refer to some of the many poems from the pen of George Withers. The significance of the presence of John Robinson's Essays among these volumes was alluded to by Mr. Winsor in his oration at Duxbury on the two hundred and fiftieth anniversary of the settlement of that town. Such titles as "Elegant Phrases," "Garden of Eloquence," and "Philosophers' Banquet" do not convey positive assurance as to the character of the books; but they probably indicate compilations of extracts from authors of reputation on the several topics. Heylin's Geography, Chapman's translation of Homer, and Lord Verulam's Natural History found places on the shelves. The presence of one other volume, Bacon's Advancement Essays, deserves mention, because, more than any other work in the collection, outside the Classics, it serves to connect this curious list of books, mainly obsolete, with the accepted literature of to-day.

Apparently there were but one or two works in any other language than Latin or English. There were Greek and Hebrew dictionaries and grammars; there was one work at least in Greek and Latin, and there were one or two which may have been in the Greek tongue. If in "Minshei Dictionarum" we identify Minsheu's Spanish and English dictionary, of the Catalogue of 1723, we have the solitary instance of recognition that there were other modern languages than English. This, however, is not remarkable. Latin still held its place as the common tongue in which the learned could interchange their thoughts.

The same strong personal interest does not attach to the lists of books given by Bulkley, Digby, and Bellingham; and yet their publication has a value. Information which brings us closer to the men of that period will always be welcome. If we find among the volumes presented by Bulkley none which would interest the student to-day, yet we may rest assured that Dunster entered the record with feelings of gratitude. To the pioneer clergyman in the little settlement at Concord these books were dear. They constituted, according to Cotton Mather, "no small part of his library." Bulkley's contemporaries could measure his generosity and could appreciate the liberality which led a man situated as he was to part with what must have been of incalculable value to him in his isolation. Before we can judge what it cost him to dedicate these books to a public use, we must try and recall the circumstances under which the gift was made. We may not, even then, be able to do Bulkley full justice; for it is difficult to conceive of these dreary volumes being of interest to any one. Yet before we undertake to measure in our minds the extent of his sacrifice, he is entitled to the effort.

What was the link which connected Sir Kenelme Digby with Harvard College? Why should this follower of the Stuarts and convert to Catholicism have forwarded to the little Puritan College in New

England these selections from his library?[1] In politics, in religion, and in literature, so far as his natural tastes can be discovered, he had scarce a thought in common with the sturdy founders of the Congregational Church of New England. The strong, coarse outline sketch which Evelyn in his Diary gives of Sir Kenelme indicates a prejudiced hand. Nevertheless the sketch could not have been drawn entirely from imagination. We are tempted to doubt whether this dabbler in alchemy, who claimed to have fixed mercury and to have found the solvent for gold, and who was denounced as "an errant mountebank" and "a teller of strange things," can possibly be the patron of the little school for clergymen in New England. We search in vain the list of books entered upon the record by President Chauncy for the poems, romances, chymical, and astrological works, "books of more pomp than intrinsic value," which composed the bulk of Sir Kenelme's library. These and the lucubrations of his own pen he spared the College.[2] Contenting himself with a gift composed mainly of works of the Fathers of the Church, perhaps he hoped that their subtle influence might convert some Protestant reader to the true faith.

There is no date to indicate when Governor Bellingham's gift reached the Library. As it was entered by Dunster, it must have been before 1654. Nearly all the books in this list are to be found in Harvard's library. One volume, however, Grotius, *de jure belli*, which found its way upon the shelves of the Puritan leader, served, by its absence from the library of the clergyman, to mark the differences in their callings.

The list of books given by Governor Winthrop has already been published in R. C. Winthrop's *Life and Letters of John Winthrop*, 1630–1649 (Boston, 1867).

In the notes of the succeeding lists the following abbreviations are used: H. C. Cat. = Catalogus librorum Bibliothecæ Collegij Harvardini. Cat. B. M. = Catalogue of books in the library of the British Museum, printed in England . . . to the year 1640. (London, 1884.)

[1] Sir Kenelme Digby, in a letter to John Winthrop, Jr., dated Jan. 26, 1656, new style, Mass. Hist. Coll., 3d series, Vol. X. p. 16, refers to this gift. He avows his indebtedness to Cromwell for a pardon, and expresses his earnest desire to repay it by some service in the Protector's behalf. He does not, however, give any explanation of the motives for sending the books to the Library. Friendship for Winthrop and the belief that it would please him may perhaps have induced him to make the gift.

[2] For references by Evelyn to Sir Kenelme Digby, see Memoirs of Evelyn, London, 1819, I. 257, 246; II. 249. Dr. Deane has in his library a curious sample of Digby's publications. The title tells what it is: "A late discourse made in a solemn Assembly of Nobles and Learned Men at Montpellier in France, by Sir Kenelme Digby, Knight, &c. Touching the Cure of Wounds by the Powder of Sympathy," &c. London, 1660.

Harvardus
Catalogus librorum quos dedit dominus Hervertus Collegii hujus patronus.

[1] Ambrosii Dixionarium.

[2] Antonius & Gralerus in Senecam.

[3] Abernethyes physick for the Soule.

The title of this work is given in the Catalogue of the British Museum, &c. London, 1884. Abernethy (John), *Bishop of Caithness*. A Christian and heavenly treatise, containing physicke for the soul.

[4] Analysis Apocalypseos.

[5] Anglorum prælia.

[6] Aquinatis opera conclusiones.

H. C. Cat. 1723. Aquinalis (Tho.) totius summæ Conclusiones. Lugduni, 1613.

[7] Aynswort's workes.

H. C. Cat. 1723. Ainsworth's (Hen.) Annota. on the Pentateuch, Psalms & Canticles. London, 1626.

[8] Amesii Theologiæ Medulla de consc. In Epistolas Petri. Contra. Armin. Bellarminus Enervatus.

H. C. Cat. 1723. Amesii (Guil.) Medulla Theologiæ. Amstelod.

Bellarminus enervatus. 3 edit. Tom. 1 & 2, 3 & 4. Oxon. 1629.

Cat. B. M. See Ames (William).

[9] Augustini Meditationes, opa.

H. C. Cat. 1723. Augustini (D.) Operum Omnium. Tom I. Parisiis, 1637. 2, 3, 4, 5, 6, 7 & 8, 9, 10. Par. 1635. Tom II. Par. 1637.

[10] Alstedii Physia Harmonia, Compendium Theologiæ.

H. C. Cat. 1723. Alstedii (Joan Hen.) Logicæ Systema Harmonicum. Herbor Nassov, 1628.

Alstedii (Joan Hen.) Compendium Theologicum. Hanov. 1624.

[11] Apeius in Nov. Testamt.

[12] Anatomy Arminianisme.

Cat. B. M. Du Moulin (Pierre) *the Elder*. The anatomy of Arminianisme: or the opening of the Controversies lately handled in the Low-Countryes, concerning the Doctrine of Providence, of Predestination, of the Death of Christ, of Nature and Grace. By P. Moulin. Carefully translated out of the original Latin copy. London, 1620.

[13] Anchorani porta linguarum.

H. C. Cat. 1723. Anchorani (Joan) Porta linguarum trilinguis. Lond. 1631. This was apparently a dictionary giving the Latin and French for English words. See Komenský — Cat. B. M.

[14] Actus Synodi Nationalis.

H. C. Cat. 1723. Dordrechtanæ Synodi Nationalis Acta. Lugd. Bat. 1620.

[15] Acta Synodalia.

H. C. Cat. 1723. Acta Synodalia. Acta et Scripta Synodalia Remonstrant in Fœderato Belgio, Herderwiici. 1620.

[16] Aschami Epistolæ.

H. C. Cat. 1723. Ascham (Rog.). Epistolæ et Apologia. Pro Cœna dominica. Lond. 1578.

Cat. B. M. Ascham (Roger). Disertissimi viri R. Aschami . . . familiarum epistolarum libri tres . . . &c.

[17] Arraignmt of the whole Creature.

Dunster carelessly entered this title "Arraingmt," &c. I have corrected in the text. H. C. Cat. 1723. Arraignment of the whole creature. Lond. 1621. Cat. B. M. The Arraignement of the whol Creature at the Barre of Religion.

[18] Alicati Emblemata.

H. C. Cat. 1723. Alciati (Andr.) Emblemata cum Comment. Claud. Minois. Paris. 1583.

[19] Æsopi Fabulæ.

[20] Ægidius in Arist. Philos. & Metaph.

[21] Academia Gallica.

[22] *Βασιλικον δῶρον.*

[23] Bezæ Test. N. ad Annotat. Test. Græc. Lat. In Epist. ad Galat. Ephe.

Cat. B. M. See Bèze (Théodore de). See also Bible, New Testament — where in the Latin titles the name is given T. Beza.

[24] Baynes on Collos. Ephes.

H. C. Cat. 1723. Baynes (Paul), Comment on the 1st & 20th (2d) Chap. of Collossians. Lond. 1635.

Comment on Ephesians. Lond. 1658 (?)

[25] Bethneri Gram. Hebræa.

H. C. Cat. 1723. Bythneri (Victorin) Grammatica Hebræa. Lond. 1635.

[26] Beroheti Catechismus.

[27] Buxtorfi Dixionar. Hebr. Gram. Hebr.

H. C. Cat. 1723. Buxtorfi (Joan Fil.) Lexicon Chaldaicum & Syriacum. Basel, 1622.

[28] Breton Displaying of y^e^ Popish Masse.

[29] Bellarmin. de felicitate sanctorum. In Psalm in 1^am.^ & 2^am.^ Epist. ad Thessalon. Conciones.

H. C. Cat. 1723. Bellarminus (Card. Rob.).
De Felicitate Sanctorum.
Expositio in Psalmos Colon. 1611.
Conciones, Cameraci 1617.

[30] Bolton in 4 volumes.

H. C. Cat. 1723. Bolton (Rob.).
Threefold Treatise. Lond. 1634.
True happiness & Instructions for Comforting Afflicted Consciences. Lond. 1631.
Direction for comfortable walking with GOD. Edit. 4. Lond. 1631.
Bolton's (Sam.) Arraignment of Error. London, 1646 (?)

[31] Ball on faith.

H. C. Cat. 1723. Ball's (Joh.) Treatise of Faith. Lond. 1637.

[32] Baslingius on Palatine's Catechisme.

H. C. Cat. 1723. Baslingii (Hierem) Exposition on the Catechism of the Low Countries. Cambr. 1595.

[33] Brerewood on the Sabbath.

See Brerewood (Edward). Cat. B. M.

[34] Bacon's advancem't Essayes.

[35] Bannes in Arist. de Gen. & Corup.

H. C. Cat. 1723. Bannes (Domin.) Quæstiones et Comment. in Duos Libros Aristot. De generatione et corruptione. Colon. 1616.

[36] Bobilii Adagia.

[37] Bede Axiomata Philosophica.

[38] Brentius de Parabolis.

[39] Beard's theatre of God's judgmts.

H. C. Cat. 1723. Beard's (Tho.) Theatre of GOD'S Judgments. London, 1631.

[40] Brerewood's Tractatus Logicus.

[41] Brentii Pericopæ, &c.

H. C. Cat. 1723. Brentii (Joan) Pericopæ Evangeliorum Francof. 1559.

[42] Bullingerus in Isai.

[43] Biblia Tremelii et Junii.

H. C. Cat. 1723. Biblia Sacra ex Interpret. et cum notis Sebast. Cartalionis Vet. Testament. Interp. Junio et Tremellio, et Nov. Testam. interpret. Beza. Edit. 7. Hanoviæ, 1624.

[44] Bucani Institutiones.

Cat. B. M. Bucanus (Gulielmus) Institutions of Christian Religion framed out of God's word — &c. &c. Written in Latin by W. Bucanus, &c. &c.

[45] Bradshewe's pparation for the Sacram't.

Cat. B. M. Bradshaw (William). A preparation for the receiving of Christs Body and Bloud . . with a p[r]ofitable Treatise of the same Argument, &c. &c.

[46] Broughton on the revelat: on Eccles. Positions on the Bible. On Daniel. Texts of Script. on chroncl. & pamphlets.

H. C. Cat. 1723. Broughton's (Hugh) works. London, 1615. The title "Positions on the Bible" is explained by reference to the Cat. B. M. "Principall positions for groundes of the Holy Bible."

[47] Bayles directions for health.

[48] Calvinus in Pent. & Joshuam. Sermons upon Job in English. Plectiones in Ezekiel. Institut Religio Christ, Tomus 4 us op'um Theologicorum. Harmonia. In Prophetas nim Homilia in Samuelem. In Epistolas Pauli. In Psalm.

H. C. Cat. 1723. Calvini (Joan) Institutio Christianæ Religionis. 1607. Sermons on Job. Lond. 1574.
Præ-lectiones in Ezekielem. Genev. 1616.
Homiliæ in Primum Librum Samuelis. Genev. 1604.
In 12 prophetas minores. Genev. 1610.

[49] Camerarii meditationes histor.

H. C. Cat. 1723. Camerarii (Phil.) Meditationes Historicæ. Francof. 1624.

[50] Corradi, Casus Consc.

[51] Church, his God & Man. Goodman's Treasure.

H. C. Cat. 1723. Church (Hen.). Of the Good Mans Treasury. Lond. 1636.

[52] Camden's remaines.

H. C. Cat. 1723. Cambden's (Will.) Remains. Lond. 1637.

[53] Cedenares [trimmed off].

[54] Chysostini homilia.

H. C. Cat. 1723. Chrysostomi Operum omnium. Græc. Tom. 1–8. Actonæ, 1612.
Homiliæ ad Populum Græcè. Lond. 1590.

[55] Castanei distinctiones.

H. C. Cat. 1723. Castanei (Hen. Lud.). Synopsis distinctionum tum Philosoph. tum Theologicorum. Col. Allobr. 1618.

[56] Calliopeia.

H. C. Cat. 1723. Drax's (Tho.) Calliepeia, or Rich Store-house of Phrases. (Title-page gone.) The following title may be found under Draxe (Thomas) in the Cat. B. M. Calliepeia. A collection of Latin and English Synonymes.

[57] Chrystopolitanii opa.

[58] Christianity.

[59] Comerii Psalterium Lat.

[60] Curiel in Epist. Thomæ.

H. C. Cat. 1723. Cumel (Franc.) Disputationes in Thomam. Ludg. 1609.

[61] Chareus in Epist.

[62] Cornelius de artibus & scientiis. In Eccles. Prophetas Majores & Minores. in Pent. in Epist. Pauli. In Acta. In Prov. in 7 vol.

[63] Clavis græc. linguæ.

[64] Coñentarium in Horatium in Fol.

[65] Coñent. in 4 Evangel. & Acta Apostl. On the Prov.

[66] Cotton's Concordance.

The Cat. B. M. gives a Concordance of the New Testament by Cotton (Clement), 4to. 1622 — a Concordance of the Bible. fol. 1631.

[67] Coñent. in Arist. Phys. de anima.

[68] Cartwright in Eccles. & Prov.

Cat. B. M. Cartwright (Thomas). In Librum Salomonis, qui inscribitur Ecclesiastes, cum Metaphrasi. Homiliæ . . . Authore T. C.

[69] Collection of Statutes.

[70] Conradus in Apocalyp.

[71] Carlton agst Pelag. & Armin.

Cat. B. M. Carleton (George), successively Bishop of Llandaff and of Chichester. An examination of those Things wherein the Author of the late Appeale [R. Mountague Bishop of Norwich] holdeth the doctrines of the Pelagians and Arminians to be the Doctrines of the Church of England. London, 1626. 4to.

[72] Chytræus in Apocal. in Levit. in Genes. Numer. in Deut. Ester. Judices. in 6 Tom.

H. C. Cat. 1723. Chytræi (Dav.) Enarratio in Genesim.
in Numero. et Josuam. Witteberg, 1568.
in Deuteronom. Wittebe. 1575.
in Judic. et Evangel. Joanni. Francof. 1589.
in Apocalypsim Witteb. 1575.

[73] Characciolus, his life.

[74] Catin. Phrases.

[75] Danei opa Theolog. Questiones de Salutaribus dei donis. in Math. his Common Ethicks.

H. C. Cat. 1723. Danæi (Lamb.) Opuscula omnia Theologica. 1583.
Comment in Evangel. Secund. Matthæum. Rupellæ, 1590.
Aphorismorum Politicorum Sylva. Ludg. Bat. 1620.

[76] Dickson on hebr.

Cat. B. M. Dickson (David). A short Explanation of the Epistle Paul to the Hebrews. By D. D. 1635.

[77] Dictionarium Anglii, Historicum. Geograp. Poeticum. Lat. Græc.

[78] Downam, his warfare.

H. C. Cat. 1723. Downame's (Joh.) Christian Warfare. Lond. 1634. This is the only book from Harvard's library known to be in existence.

[79] Davenantius in Epist. ad Colloss.

Cat. B. M. Davenant (John) Bishop of Salisbury. Expositio Epistolæ D. Pauli ad Colossenses per. . . . J. Sarisburiensem Episcopum in lucem edita, etc. 1630. fol.

[80] Duns a Scotus in 8 libros Arist. Phys.

The name of Duns Scotus is entered in the H. C. Cat. 1723. Scoti (Joan. Duns), in the Cat. B. M. Duns (Joannes) *Scotus*.

[81] Dove on the Cant.

[82] Dike on the hart. his Mischeife of Scandalls.

H. C. Cat. 1723. Dyke's (Jer.) Mischief of Scandals. Lond. 1632.

[83] Death Subdued.

H. C. Cat. 1723. Crooke's (Sam.) Death Subdued. Lond. 1619.

[84] Elton on the Commandm'ts.

H. C. Cat. 1723. Elton (Edw.) On the Commandments. Lond. 1625.

[85] Epicteti Enchyridion.

H. C. Cat. 1723. Epicteti Enchyridion. From the fact that the title of the Enchiridion or Encheiridion is given in Roman letters it is presumable that this was a Latin translation.

[86] Eustachii Philosophia.

[87] Euphoramius.

[88] Erasmi Colloquia.

Cat. B. M. Erasmus (Desiderius) — Epitome Colloquiorum Erasmi, continens in se communiores quotidiani sermonis formulas, nunc denuo in puerorum usum editas.

[89] Elegant Phases.

Perhaps the following title in H. C. Cat. 1723. Hewis's (Joh.) Survey of the English tongue & phrases. Lond. 1632.

[90] Garden of Eloquence.

[91] Exon his Meditations.

[92] Essayes Morall & Theol.

[93] Francklin 'Ορθοτονιας lib.

H. C. Cat. 1723. Franklin (R.). Tractatus de Tonis in Lingua Græcanica. Lond. 1630. The title in the Cat. B. M. is entered Francklin (Richard), 'Ορθοτονια, seu tractatus de tonis in lingua Græcanica; scriptus per R. F(rancklin) in sacra Theologia Baccalaureum, &c.

[94] Funebres conciones 15.

H. C. Cat. 1723. Funebres conciones. 15.

[95] Fabritius in Hoseam.

H. C. Cat. 1723. Fabricii (Steph.) Conciones in Hoseam, Bernæ, 1623.

[96] Feltham's Resolves.

H. C. Cat. 1723. Feltham's (Owen) Resolves. Cat. B. M. Resolves Divine, Morall, Politicall.

[97] Fuebernes lapidua Pasmaliensis.

[98] Fayus in Epist ad Timoth.

H. C. Cat. 1723. Fayi (Anton.) Comment. in Epist. Priorum ad Timoth. & in Psal. 87. Genev. 1609.

[99] Feu-ardensius in Epist ad Philemon.

H. C. Cat. 1723. Feu-ardentii (Franc.) Comment in Epist. ad Philemon. Paris, 1587.

[100] Gualterus in Marcum.

H. C. Cat. 1723. Gualteri (Rodolph). In Evangel. Secund. Marcum. Roterd. 1570.

[101] Golii Ethicæ.

H. C. Cat. 1723. Golii (Theoph.) Epitomæ Moralis ex 10 lib. Ethic Aristot. Argentorat. 1621.

[102] Grineus in Dan.

H. C. Cat. 1723. Grynœi (Jean. Jac.). Explicat 5 priorum Capitum Prophet. Danielis. Basil, 1583.

[103] Goodwin's Aggravation of Sin.

H. C. Cat. 1723. Goodwin (Tho.). Of the aggravation of Sin. London, 1638.

[104] Household Phys.

[105] Haxion's prælection's.

[106] The honest man.

[107] Hunnius in Johan. Evangel.

H. C. Cat. 1723. Hunnii (Egd.) [two editions].

[108] Hindersham of fasting, on the Psal. on John 4. 2 tom.

H. C. Cat. 1723. Hildersham's (Arth.) Lectures on John. London, 1632.

Cat. B. M. Hildersam (Arthur).

The Doctrine of Fasting and Praier, and Humiliation for Sinne. Delivered in sundry Sermons at the Fast appointed by the Publique Authority, in the yeere 1625, &c.

Lectures upon Psalme LI., &c.

[109] Hieronus in Haddanum. in Isai.

H. C. Cat. 1723. Osorii (Hieron.) Paraphrasis in Isaiam. Col. Agrip. 1579.

Adversus Gualterum Haddonum, &c. Dilingæ, 1574.

[110] Horatius cum Stephani, notis.

[111] Hemmingius in 84 Psalm. in Epist. ad Colloss.

[112] Homer's workes in English.

H. C. Cat. 1723. Chapman (Geo.). English Homer Lond.

[113] History of the Church.

[114] Haylin's Geograph.

H. C. Cat. 1723. Heylin's (Pet.) Little description of the Great World. Edit. 5. Oxford, 1631.

[115] [Trimmed off.]

[116] Hutton agst Comon prayer booke.

H. C. Cat. 1723. Hutton's (Tho.) Reasons for Refusal to Subscribe the Book of Common Prayer. Oxford, 1605.

[117] Henshaw's Meditations.

H. C. Cat. 1723. Henshaw (Jos.). Horæ Successivæ. Lond. 1632.

Cat. B. M. Horæ Successivæ, or Spare-Houres of Meditations upon our Dutie to God, Others, Our Selves.

[118] Jackei Instit. Philos.

H. C. Cat. 1723. Jacobei (Gilbert). Primæ Philosophiæ Institutiones. Lugd Bat. 1627. (?)

[119] Juvenalis.

[120] Isocratis Orat. Græc & Latin.

H. C. Cat. 1723. Isocratis opera, Gr. & Lat. cum Argument. Interpret. Wolfi. (Tit. deest).

[121] Judic. Synodi Nationalis.

[122] Keckermanni Philos. Disput.

[123] Keckermani contemplat. de loco et de terræ motu.

H. C. Cat. 1723. Keckermanni (Barth.). Operum Omnium. Tom 1. Tom. 2. Genev. 1614.

[124] Lutherus in Genesin, Tomus. 1 us. 2 us. 3 us. 4 us. 5 us. 6 us. 7 us.

H. C. Cat. 1723. Lutheri (Mart.). Operum, Tom. 1. Witteberg, 1582; Tom. 2. Wit. 1562; Tom. 3. Wit. 1583; Tom. 4. Wit. 1584; Tom. 5, Wit. 1585; Tom. 6, Wit. 1580; Tom. 7. Wit. 1558.

[125] Luke. Angl.

[126] Losii, Annotationes Scholasticæ.

H. C. Cat. 1723. Losii (Luc.) Annotationes in Epistolas. Dominicales. Francof. 1560.

[127] Lightfoot's Miscellanies.

H. C. Cat. 1723. Lightfoot's (Joh.) Miscellanies. Lond. 1629.

Cat. B. M. Erubhin; or Miscellanies, christian and Judaicall, and others. Penned for recreation, &c.

[128] Lucanus.

[129] Lewes right use of pmises.

[130] Lexicon, Græco Lat.

H. C. Cat. 1723. Lexicon Græcum [titulo caret]. Hagenoæ, 1521.

[131] Lemnius, medicus, de complexione.

Cat. B. M. Lemnius (Levinus). The Touchstone of Complexions . . . contayning . . . rules . . . whereby everyone may . . . knowe, as well the exacte state . . . of his Body outwardly; as also the inclinations . . . of his Mynde inwardly. Fyrst written in Latine, by L Lemnie, and now Englished by T. Newton.

[132] London's complaint.

Cat. B. M. Spenser (Benjamin). Vox civitatis, or London's Complaint against her children in the Countrey. Shewing to them her infirmitie, povertie, desolate misery etc.

[133] Lamentations.

[134] Lord Verul. Nat: History.

H. C. Cat. 1723. Bacon's (Ld. Fran.) Natural History Lond. 1631.

[135] Lixelli Vita & in Harding.

[136] Leigh in ye pmises.

H. C. Cat. 1723. Leigh (Edw.). Of the divine Promises. Lond. 1633.

[137] Lamberd's Justice.

Cat. B. M. Lambard (William). Justice of the Peace. The Contentes of this boke — Fyrste the boke for a Justice of the Peace. The boke that teacheth to kepe a Court Baron, or a Lete. — The boke teaching to kepe a court hūdred. — The boke called returna brevīū. — The boke called Carta feodi, cōteining the forme of dedes, releasses . . . and other thynges. And the boke of the ordinance to be observed by the officers of the kynges Escheker for fees takyng. M. S. Notes [by W. L.].

[138] Lycosthenii's, Apothegmata similia.

H. C. Cat. 1723. Lycosthenis (Conrad). Similia, 1602.

[139] Losii questiones.

[140] Laurentii opa.

[141] Mollerus in Psalmos.

H. C. Cat. 1723. Molleri (Henr.). Enarratio in Psalmos. Genev. 1639 (?)

[142] Marlorati, Thesaurus Scripturæ.

H. C. Cat. 1723. Marlorati (August). (Two works on the Scriptures.)

Cat. B. M. Marlorat (Augustin). Propheticæ et Apostolicæ . . . Scripturæ Thesaurus.

[143] Musculus in Psalmos, Matthew.

H. C. Cat. 1723. Musculi (Wolfg.). Comment in Psalmos Bas. 1589 — in Matthæum. Bas. 1611.

[144] Mollinæus contra Arminios.

[145] Marloti [Marlorati?]. Thesaurus Scripturæ.

[146] Magici Physica; Anthropologia.

[147] Maxe's Sermons.

H. C. Cat. 1723. Maxey's (Ant.) Sermons. Edit. 7. Lond. 1636.

[148] Melanthi Logica.

[149] Minshei Dictionarium.

H. C. Cat. 1723. Minsheu's (Joh.) Spanish and English Dictionary. Lond. 1599. Cat. B. M. Minsheu.

[150] A manuduction to Divinity.

[151] Martinii Gram. Hebr.

H. C. Cat. 1723. Martinii (Pet.). Grammatica Hebræa, cum coddæi notis. Amstelod. 1621.

[152] Miconnius in Marcum.

[153] Montani in Psal. Prov. Corint. & Hebr.

H. C. Cat. 1723. Montani (Ariæ). Comment in 31 Psalmos priores. Antv. 1605 — In Nov. Test. Antv. 1575.

[154] Moses vayled.

Cat. B. M. Guild (William). Moses Unvailed: or those Figures which Served unto the patterne and shaddow of heavenly things, Pointing out the Messiah Christ Jesus, briefly explained. Whereunto is added, the Harmony of all the Prophets, breathing with one mouth the Mystery of his Comming, &c. 2 pts. (?)

[155] N. Test. Catholici Expositio Eccles.

[156] Nichol's mirrour for magistrates.

This appears from titles in the Cat. B. M. to have been an historical poem written by different people at different times. Under Higgins (John) we find — A Mirrour for Magistrates: being a true chronicle historie of the untimely falles of such unfortunate Princes and men of note as have happened since the first entrance of Brute into this Iland untill this our latter Age, &c. &c. Newly enlarged with a last part [by R. Niccols], &c. &c.

[157] N. Test. Lat.

[158] Nonae Novemb. æternitati consecratæ.

[159] Natales Comes in 29 Tomis.

H. C. Cat. 1723. Comitis (Natalis). Mythologiæ. Vol. 1. Francof. 1681.
" 2.

[160] Osiandri Psalm.

H. C. Cat. 1723. Osiandri (Luc.). Explicationes in Psalmos. Witteberg, 1579.

[161] Philosopher's Banquet.

Cat. B. M. Scott (Sir Michael). The Philosopher's Banquet. Newly furnished . . . with severall dishes.

[162] Pfaltsgraves Church.

Catalogue of the Prince Library. Boston, 1870. Palatinate, p. 120. Declaration of the Pfaltzgraves: concerning the faith and ceremonies proposed in his churches. London, 1637.

[163] Polani Syntagma Theologiæ. De legendo ad fructu.

H. C. Cat. 1723. Polani (Amand). Syntagma Theologicæ.

[164] Piscator, 17 Tomis.

Cat. B. M. Piscator (Johann).

[165] Pelagius redivivus Prin.

Cat. B. M. Pelagius redivivus. [By D. Featley.] Or Pelagius raked out of the Ashes by Arminius and his Schollers, &c.

[166] Plin. Nat. Hist.

H. C. Cat. 1723. Pliny's Natural History. Translated by Phil. Holland. Lond. 1601.

[167] Plutarchi, Vitæ Angl. Moralia Angl.

H. C. Cat. 1723. Plutarch's lives translated from the Fr. of Amiot by North. Lond. 1595.

[168] Philippi Homil. in Jonam.

[169] Pike his worthy worthy cõunicant.

[170] Pareus de doctrina Xiana.

Cat. B. M. Pareus (David). The Summe of Christian Religion . . . Translated . . . and . . . conferred with the last . . . Latine edition of D. D. Pareus.

[171] Phochenius.

H. C. Cat. 1763. Pfochenii (Sebast.) Diatribe de ling. Græc. Nov. Test. puritate. Amstel. 1633.

[172] Plautus.

[173] Porcensis Orationes.

[174] Pet. Martyr in Epist. ad Rom. Loci Cõunes.

H. C. Cat. 1723. Martyrs (Pet.) Commonplaces — 1574.

[175] Piccolominii Philos.

H. C. Cat. 1723. Piccolominii (Franc.). Universa Philosophia de Moribus. Venet. 1594.

[176] Patresius de Regin. et reg: Institutione.

H. C. Cat. 1723. Patricii (Franc.) de Regno & Regis Institutione. Lib. 9. Paris, 1582.

[177] Persii Satyrae.

[178] Politiani Epist.

H. C. Cat. 1723. Politiani (Angel.). Epistolarum. Lib. 13. Antverp. 1567.

[179] Passoris Lexicon. Græc. Lat.

H. C. Cat. 1723. Pasoris (Geo.). Lexicon Græco Lat. in Nov. Test. Harborn. Nass. 1637.

[180] Pelegroni Sylva.

H. C. Cat. 1723. Pelegromii (Sim.). Syonymorum Libra. Lond. 1619.

[181] Poetarum flores.

[182] Pars Workes.

Probably the works of Elnathan Parr, the author of several works of a theological character. See Cat. B. M.

[183] Pembles workes — de origine formarum.

The third edition of Pemble's works was in 4 Pts. See Cat. B. M.

[184] Preston on y^e^ Attributes, 4 Sermons.

H. C. Cat. 1723. Preston's (Joh.)

Breastplate of Faith & Love.	Lond. 1624.
Of the new Covenant.	Lond. 1634.
Of Life Eternal.	Lond. 1634.
Of Mortification & humiliation.	Lond. 1635.

[185] Physick for y^e^ Soule.

See Abernethy.

[186] Pavenii Ethicæ.

H. C. Cat. 1723. Pavonii (Franc.). Summa Ethicæ (?)

[187] Quirbi Cõment in Psalmos & Prophetas.

[188] Quarles Poems.

[189] Reinold vanity of y^e^ Creature. Conference with y^e^ hart.

H. C. Cat. 1723. Rainold's Conference with Hart. Lond. 1609. Cat. B. M. Rainolds (John). The Summe of the Conference betweene J. Rainoldes and J. Hart; touching the Head and the Faith of the Church . . . penned by J. Rainoldes, according to the notes set down by them both: Perused by J. Hart. . . . &c. &c.

[190] Rogers on Luke y^e^ 15.

H. C. Cat. 1723. Rogers' (Neh.) Exposition of the 15th Chap. of Luke. Lond. 1632.

[191] Rami. Græca Gram̃. Lat. Logica cum Talæi Rhetorica Molinei Log. uno volum.

H. C. Cat. 1723. Rami (Pet.). Grammaticæ. Lib. 4. Arenion, 1559.

[192] Robinson's Essayes.

H. C. Cat. 1723. Robinson (Joh.). Essays Moral & Divine — 1628.

[193] Royaldus in Epist. Domin.

[194] Rogers his divinity — on Love.

H. C. Cat. 1723. Roger's (Joh.) Treatise of Love. Lond. 1629.

[195] Roxanæ Tragedia.

H. C. Cat. 1723. Roxana Tragœdia Olim Cantabrig. acta, &c. London, 1632. Cat. B. M. Roxana, Tragœdia, [in five acts and in verse, written by W. Alabaster] olim Cantabrigiæ acta in Col. Trin. nunc primùm in lucem edita, summaque cum diligentia ad castigatissimum exemplar comparata, &c.

[196] Renoldi Liber de Idololatria.

H. C. Cat. 1723. Rainoldi (Joan) de Romanæ Ecclesiæ Idolatria. Lib. 2 Oxon. 1596.

[197] Stela in Lucam.

H. C. Cat. 1723. Stellæ (Didac.). Enarrat. in Evangel. Lucæ. Tom. 1 & 2. Antverp. 1622.

[198] Sculteti opa.

H. C. Cat. 1723. Sculteti (Abrah.) conciones, Hanov. 1606.

[199] Schriblerii Metaphorse.

[200] Schickardi gram. heb.

See Schickard, W. Catalogue of the Prince Library.

[201] Sibbs fountaine Sealed.

Cat. B. M. Sibbes (Richard). A Fountain Sealed: or the duty of the Sealed to the Spirit, and the worke of the Spirit in Sealing, &c. &c.

[202] Spongia contra jesuit. Colonium cum aliis opibus. uno vol. compressis.

[203] Sphinx Philosophy.

[204] Speeds Clowds of Wittnesses.

Cat. B. M. A Cloud of Witnesses, and they the Holy Genealogies of the Sacred Scriptures, confirming unto us the truth of the histories in God's most holie Word, and the humanitie of Christ Jesus, &c.

[205] Scalliger de Subtilitate.

H. C. Cat. 1723. Scaligeri (Jul. Cæs.). Exotericarum Exercitationum de Subtilitate. Lib. 15. Francof. 1601.

[206] Schriblerii phylosoph. eompend.

[207] Sebavi Phys.

[208] Setoni Dialectica.

Cat. B. M. Setonus (Joannes). Dialectica . . . annotationibus P. Carteri . . . explicata. Huic accessit . . . G. Buclæi Arithmetica.

[209] Sarcri Postilla.

H. C. Cat. 1723. Sarcerii (Erasmi.) In Evangelia Dominicalia Postilla. Francof. 1561.

[210] Soules Preparation.

H. C. Cat. 1723. Scharpii (Joan.). The Soul's preparation for Christ. Lond. 1632.

[211] Schenblerii sententiæ.

[212] Salustius.

H. C. Cat. 1723. Salustii (Crisp.) Opera Omnia quæ extant. Lond. 1601.

[213] Smith's Logicke.

Cat. B. M. Smith (Samuel), M.A. of Magdalen College, Oxford. Aditus ad Logicam. Quarta Editio, &c.

[214] Scarfli Symphonia.

H. C. Cat. 1723. Scharpii (Joan) Symphonia Prophetarum Apostolorum. Genevæ, 1625.

[215] Saluthii Schola.

H. C. Cat. 1723. Saluthii (Barth.) Schola divini Amoris. Colon. 1610.

[216] Scribleri Synopsis Philos.

[217] Saint's Legacyes.

[218] Test. N. Græc.

[219] Tossani Diction. Hebr.

[220] Terentius.

[221] Touchstone of truth.

[222] Thrapuntii rhetorica.

[223] Thesaurus poeticus.

H. C. Cat. 1723. Buchleri (Joan) Thesaurus Poeticus. Antverp, 1618.

[224] Textoris Epitheta. Epist.

[225] Test [trimmed off].

[226] Twissus de gratia Potestate & providentia.

H. C. Cat. 1723. Twisse (Guil.). Vindiciæ Gratiæ Potestatis ac Providentiæ Dei. Amstelod. 1632.

[227] Taylour on Titus, on Revel. 12.

Cat. B. M. Taylor (Thomas), D.D., Fellow of Christ's College, Cambridge. A commentarie upon the Epistle . . . to Titus . . . By T. T. &c.

[228] Trunesse of Xan Religion.

Cat. B. M. Mornay (Philippe de), Seigneur du Plessis-Marley. A Woorke concerning the trewnesse of the Christian Religion . . . Begunne to be translated into English by Sir P. Sidney . . . and . . . finished by A. Golding.

[229] Turneri Orationes.

H. C. Cat. 1723. Turneri (Rob.). Orationes & Epistolæ. Col. Agrip. 1615.

[230] Terns. in Exod. Num. Deut. Josh. Jud.

[231] Thesaurus linguæ rom. & Brittanicæ in fol.

[232] Thomæ Aquinatis opa.

See Aquinatis.

[233] Tullii opa in 2 Tomis. de officiis.

[234] Tyme well spent.

[235] Treasury of God.

[236] Vorsius de Deo.

H. C. Cat. 1723. Vorstii (Conrad.) Tractatus Theologicus de Deo. Steinfurt, 1610.

[237] Veall's Hebr. Gram.

[238] Valerius Max.

H. C. Cat. 1723. Valerii Maximi de dictis et factis memorabilius. Lib. 10. (Tit. deest.)

[239] Vocatio Judæorum.

Cat. B. M. Under "Calling of the Jews" references are given in the Index to three Authors — Andrew Willet, Thomas Draxe, and William Gouge.

[240] Warwick's Meditations.

H. C. Cat. 1723. Warwick's (Arth.) Resolved Meditations. Edit. 4. Lond. 1635.

[241] Wall on Acts 18. v. 28.

Cat. B. M. The watering of Apollos. Delivered in a Sermon (on Acts XVIII. 28) at St. Maries in Oxford.

[242] Withers.

H. C. Cat. 1723. Withers (Geo.). Abuses stript & whipt. Lond. 1613.

Shepard's Hunting. Lond. 1615.

[243] Weames 4th vol. of y^e^ Image of God in man. On the Lawes, morall, ceremoniall judiciall.

Cat. B. M. Weemes (John).

[244] Willson's Xan Dictionary.

H. C. Cat. 1723. Wilson's ( ) Christian dictionary. Cat. B. M. A Christian dictionary. Opening the significations of the chiefe Words dispersed generally through Holy Scriptures of the Old and New Testament, &c. &c.

[245] Watson's Animæ Gaudia.

Cat. B. M. Watson (Thomas), Poet. Amintæ gaudia. [A poem edited by C. M.]

[246] Whately his new birth.

H. C. Cat. 1723. Whateley (Will.). Of the new birth. Lond. 1635.

[247] Wygandus de p'sec. Piorum Exiliis.

[248] Wandelinii Contemplatio Phys. Tom. 3.

Wendelini (Frider)? See H. C. Cat. 1723.

[249] Warde's Sermons.

Cat. B. M. Ward (Samuel), B.D. of Ipswich. A collection of such Sermons and Treatises as have beene written and published by S. W. &c.

[250] Zanchii Opa.

H. C. Cat. 1723. Zanchii (Hieron). Opera Omnium — The first three volumes of Zanchius were presented by Evelyn in 1637 to the Library at Oxford, when he entered Baliol.

Ecclesiae Concordiensis Presbyter Petrus Bukleius hos Libros Dedit.

Æneæ Sylvii opa.

Piccolomini (Enea Sylvio), Pope Pius II. Cat. B. M.

Ambrosii, Tomum 4 um.

Analysin typicam.

Antonii Histor. 5^tam^ partem.

Argumt Institucon^m^ imp'alium.

Aquinas in Joh. Evang.

Basil Lat.

Birgitt Revelationes Sanctæ.

H. C. Cat. 1723. S. Birgittæ Revelationes.

Bonavent 2^a^ Pars.

Britanniæ Origo.

Cani Loci Cõmunes.

H. C. Cat. 1723. Cani (Melch.). Loci Communes. Col. Agrip. 1572.

Camdeni descriptio Britanniæ.

Cro. Vsp'gensis (?)

Danœum de Antich'to.

Dionysii opa.

H. C. Cat. 1723. Dionisii Areop. opera omnia Gr. & Lat. interp. Lanffelio. (2). Lut. Par. 1615.

Epiphanium Græc & Lat.

H. C. Cat. 1723. Epiphanii Contra 80 Hæreses 3 Lib. Ejusdem Liber Anchoratus, & Liber de mensuris ac Ponderibus, &c. Lat. interprete Jano Cornario. Basil, 1543.

Erasmum in N. Test.

H. C. Cat. 1723. Erasmi (Desid.). Nov. Test. Græc & Lat. Basil, 1544.

Euthimium in Psalmos.

H. C. Cat. 1723. Euthymii Comment. in Psalmos. Paris, 1543.

Flacci Argo.

Gersonis oper^um^. 3^am^ Parte^m^. Inventorium.

H. C. Cat. 1723. Gersonis (Joan). Opera Theologica. Tom. 1 & 2; Tom. 3 & 4. Paris, 1606.

Hillarii Pict Opa.

H. C. Cat. 1723. Hillarii Lucubrationes quotquot Extant. Basil, 1580.

Histor. Eccles.

Jacobum Regem Angl. Contra Magiam.

H. C. Cat. 1723. Jacobi Regis Angliæ, etc. Dæmonologia. Hanov. 1604.

Lutherum in Genesin.

Minoritanum in Lucam.

Munsteri Cosmogr.

H. C. Cat. 1723. Munsteri (Sebast.). Cosmographiæ. Lib. 6. Basil.

Originis Tomum 2^um^ 3^um^ & 4^um^.

Pontificiale.

H. C. Cat. 1723. Pontificiale Romanum. Paris, 1615.

Rationale Divi.

H. C. Cat. 1723. Rationale divinorum. Haginaw, 1519.

Sacri Canonis Expositionem.

Volatterani Coñent.

Rerum Britannicarum.

Chronomicon Divinum.

Adams banquet of y^e^ Divill.

De Unione Ecclesiæ.

Catalogus Librorum ex donis [word trimmed off] *Equitis Dni Kenelmi Dighby, Ano Dni 1655.*

Biblia sacra cum glossa ordinaria sex tomis comprehensa.

Opera Gregorii Nazianzeni græco-lat. duobus tomis in fol.

H. C. Cat. 1723. Paris, 1630.

Justini Martyris Opera Græcæ.

Origenis opera.

Conciliorum tomi duo in fol.

Hermes Trismegistus cum coñentarijs Rosselii in fol.

Ludovici Blosii opera.

Venerab. Bedæ tomi 2.

See H. C. Cat. 1723.

Johan. Damasceni Opera Græco-Lat.

Anthonii Possevini bibliotheca.

H. C. Cat. 1723. Possevini (Ant.). Bibliotheca selecta de ratione studiorum, &c. Col. Agrip. 1607.

Alvarez. tom. 3°.

H. C. Cat. 1723. Alvarez (Jac.). Tom. 3. Lugdun, 1617.

Rob. Belli tomi duo.

Epitome Annalium Baconii.

Œcumenii Opera in tom 2^bus^.

Harphii Theologia mystica in 4°.

H. C. Cat. 1723. Harphii (Hen.) Theologia Mystica. Colon. 1611.

Joh. Cassiani opera. in 8°.

H. C. Cat. 1723. Cassiani (Jo.). Monastic, Institut. Lib. 4. De Capitalibus Vitiis. Lib. 8. Collationes S. S. Patrum. Lib. 24. de Verbo incarnato. Lib. 7. Antverp. 1578.

Cypriani opa in manibus Mr. Nook [or Nock?].

H. C. Cat. 1723. Cypriani (D.). Carthagin Episc. Opera cum Annot. Pasmelii. Paris, 1603.

Richardus Bellinghamus Armiger hos Libros dedit.

Arresium in N. Test.
Anatomii Armenianism.
Augustini Opa.
Biblia Tremelii & Junii.
Cartwright on Prov. Eccles.
Curiel in Epistolam Thomæ.
Conges Sacrifice of Sts.
Grotium de jure belli.
Lutherum in Genesin.
Marlorati thesaurum Scripturæ.
Molinœum contra Arminium.
Mollerum in Psalmos.
Musculum in Psalmos.
Polani Syntagma.
Reinoldum de Idololatria.
Stulteti Opa.
Stellam in Lucam.
Vortium de deo.
in Psalmos.
Comẽnt in Philemonem.

In concluding these selections from the College records, I wish to call attention to the paper of which Books III. and IV. are composed. It is evidently of French manufacture, having for one water-mark a crown over a shield bearing fleurs de lis. It also has another water-mark representing a cross standing on the cross-bar of the letter H, in the abbreviation I. H. S., with the letters P. B. below the monogram.

We have no hint how this paper, identical with some now in the Archives at Quebec,[1] came into the possession of the College. It may have been captured in Acadia, or it may have been a part of the consideration for the friendly intervention in behalf of La Tour. Whatsoever the manner in which it was obtained, there were among those who have left their hand-writing upon these water-marks some whose rigid notions with regard to all signs dear to the true Catholic were so intense that a refusal to use paper bearing the stamp of the cross would have been both natural and consistent. Some of them, no doubt, sympathized with the motives which prompted the defacement of the British flag at Salem, the alleged cause for which was because "the red cross was given to the King of England as an ensign of victory, and so a superstitious thing and a relic of anti-Christ." This ebullition at Salem had but a temporary effect. The Colonial authorities were compelled to swallow their prejudices. In 1680, however, Dankers and Sluyter reported that the cross had again disappeared from the flag, thus furnishing evidence of the survival of the prejudice.[2]

There is nothing to show that those who used the books were conscious of the water-mark, but it is scarcely probable that these volumes could have been in constant service for so long a time without knowledge of its existence. While no importance can be attached to the character of the paper of which these books were made, the discovery of this water-mark in the records during the period in which they were in use cannot fail to create surprise to all who bear in mind the theological turn which studies at Cambridge took.

[1] Mr. George Stewart, Jr., of Quebec, at my request kindly examined the papers in the Archives at Quebec. He found these water-marks there.

[2] See *Memoirs Long Island Hist. Soc.* Vol. I. p. 393.

Library of Harvard University.

BIBLIOGRAPHICAL CONTRIBUTIONS.

EDITED BY JUSTIN WINSOR,

LIBRARIAN.

No. 28.

FOURTH LIST OF THE PUBLICATIONS

OF HARVARD UNIVERSITY AND ITS OFFICERS,

WITH THE CHIEF PUBLICATIONS ON THE UNIVERSITY.

1886–1887.

By WILLIAM HOPKINS TILLINGHAST,

Assistant Librarian.

CAMBRIDGE, MASS.:

Issued by the Library of Harvard University.

1888.

Already issued or in preparation:

A Star prefixed indicates they are not yet ready.

VOL. I.

1. EDWARD S. HOLDEN. Index-Catalogue of Books and Memoirs on the Transits of Mercury.
2. JUSTIN WINSOR. Shakespeare's Poems: a Bibliography of the Earlier Editions.
3. CHARLES ELIOT NORTON. Principal books relating to the Life and Works of Michelangelo, with Notes.
4. JUSTIN WINSOR. Pietas et Gratulatio. An Inquiry into the authorship of the several pieces.
5. LIST OF APPARATUS in different Laboratories of the United States, available for Scientific Researches involving Accurate Measurements.
6. THE COLLECTION OF BOOKS AND AUTOGRAPHS, bequeathed to Harvard College Library, by the Honorable Charles Sumner.
7. WILLIAM C. LANE. The Dante Collections in the Harvard College and Boston Public Libraries.
8. CALENDAR of the Arthur Lee Manuscripts in Harvard College Library.
9. GEORGE LINCOLN GOODALE. The Floras of different countries.
10. JUSTIN WINSOR. Halliwelliana: a Bibliography of the Publications of James Orchard Halliwell-Phillipps.
11. SAMUEL H. SCUDDER. The Entomological Libraries of the United States.
12. FIRST LIST OF THE PUBLICATIONS of Harvard University and its Officers. 1870–1880.
13. SAMUEL H. SCUDDER. A Bibliography of Fossil Insects.
14. WILLIAM H. TILLINGHAST. Notes on the Historical Hydrography of the Handkerchief Shoal in the Bahamas.
15. J. D. WHITNEY. List of American Authors in Geology and Palæontology.
16. RICHARD BLISS. Classified Index to the Maps in Petermann's Geographische Mittheilungen. 1855–1881.
17. RICHARD BLISS. Classified Index to the Maps in the Royal Geographical Society's Publications. 1830–1883.
18. JUSTIN WINSOR. The Bibliography of Ptolemy's Geography.
19. JUSTIN WINSOR. The Kohl Collection of Early Maps.
20. WILLIAM C. LANE. Index to Recent Reference Lists, no. 1. 1884–1885.

VOL. II.

21. SECOND LIST OF THE PUBLICATIONS of Harvard University and its Officers. 1880–1885.

*22. JUSTIN WINSOR. Calender of the Sparks Manuscripts in Harvard College Library.

23. WILLIAM H. TILLINGHAST. Third List of the Publications of Harvard University and its Officers. 1885–1886.
24. WILLIAM C. LANE. Index to Recent Reference Lists, no. 2. 1885–1886.
25. W. G. FARLOW and WILLIAM TRELEASE. List of Works on North American Fungi.
26. WILLIAM C. LANE. The Carlyle Collection.
27. ANDREW MCF. DAVIS. A few notes on the Records of Harvard College.
28. WILLIAM H. TILLINGHAST. Fourth List of Publications of Harvard University and its Officers. 1886–1887.
29. WILLIAM C. LANE. Index to Recent Reference Lists, no. 3. 1887.

*30. Facsimile of the autograph of Shelley's poem "To a Skylark," with a letter from Mr. Edward A. Silsbee.

A LIST OF THE PUBLICATIONS

OF HARVARD UNIVERSITY AND ITS OFFICERS,

WITH THE CHIEF PUBLICATIONS ON THE UNIVERSITY.

FROM SEPTEMBER 30, 1886, TO SEPTEMBER 30, 1887.

*** The list of publications of the officers of the University has been prepared from information received from the officers in response to a circular issued by the editor; for the record of the publications of the University, and for that of the articles relating to it, the editor is responsible. It is proposed to continue this list for successive academic years.

THE UNIVERSITY.

The Harvard University catalogue, 1886–87. Cambridge. 1886. 8°. pp. 336.

Edited by W. C. Lane.

Much of the matter in the Catalogue is also printed for distribution in the "Admission," "Elective," and "Post-graduate" pamphlets, which have the following titles: *Selected sheets from the Harvard University Catalogue*, 1886–87, *containing all necessary information for persons intending to enter Harvard College. — Announcement of courses of instruction provided by the Faculty of Harvard College for the academic year* 1887–88. pp. 40. First edition, May, 1887, second, July, 1887. — *Account of the graduate department for the academic year* 1887–88. pp. 40. First edition, May, 2nd, June, 3d, July, 1887. There is also a pamphlet describing the *Summer courses of instruction.* The Departments issue their own portions of the Catalogue separately, in some cases with additions: the *104th Annual catalogue of the Medical School* contains the examination papers of 1886; the *19th Annual announcement of the Dental School* (pp. 15) contains a complete list of graduates; the *4th Annual announcement of the School of Veterinary Medicine* contains the admission examination papers and a view of the Village Street hospital.

Directory of the officers and students of Harvard University, Oct. 7, 1886. Cambridge. 1886. 8°. pp. 19.

Edited by W. C. Lane.

Annual report of the President and Treasurer of Harvard College, 1885–86. Cambridge. 1887. 8°. pp. 158, 58.

This report contains also the reports from the various departments and institutions of the University. The report of the Treasurer and those of several of the Departments are also issued separately.

[Programme of the exercises at Commencement, 1887.] 4°. pp. xiii.

Contains, in Latin, the names of those who receive degrees and academic honors in all departments.

Record of the commemoration of the two hundred and fiftieth anniversary of the founding of Harvard College. Cambridge. Wilson. 1887. 8°.

Edited by Justin Winsor, librarian of the University. See p. 11.

Memorial edition. Greek lexicon of the Roman and Byzantine periods. By E. A. Sophocles. New York. Scribner's. 1887. l. 8°.

Edited by Professor J. H. Thayer. See p. 32.

Report of the committee to visit the Medical and Dental Schools and the School of Veterinary Medicine. pp. 9. Dated 11 January, 1887.

[Circular signed by the Plummer Professor and the Preachers to the University, giving a brief report of their services during the past year.] Dated July, 1887. pp. (2).

[Confidential circular signed by the Plummer Professor and the Preachers to the University concerning the conduct of worship in the University.] Dated July, 1887.

[Circular relating to the religious services at Harvard College, signed by A. P. Peabody.] Dated 19 March, 1887. pp. (2).

Regulations of the Faculty of Harvard College. 1886, 1887. 2 pams. 8°. pp. 11.

Contain an official description of the marking system introduced in 1885–86.

Harvard University examinations. Papers used at the admission examinations held at Cambridge, Quincy, Andover, Exeter, New York, Philadelphia, Cincinnati, St. Louis, San Francisco, and Paris (France), June, 1887. Cambridge. 1887. 8°. pp. 27.

Harvard University examinations. Papers set for final examinations in Harvard College, June, 1887. 4 pams. 8°.

Namely: *Ancient languages* (*Hebrew, Sanskrit, Greek, and Latin*). pp. 41. — *Modern languages* (*English, German, French, Italian, and Spanish*). pp. 42. — *Philosophy, Political Economy, History, Roman Law, Fine Arts, and Music.* pp. 34. — *Mathematics, Physics, Chemistry, and Natural History,* pp. 25. The papers set at the mid-year examinations have not been printed in this form since 1883. The Medical School prints its papers as an appendix to its catalogue. The School of Veterinary Medicine does the same with its papers for admission.

Harvard University examinations. Papers used at the annual examination in law held at Harvard University, June, 1887. Cambridge. 1887. 8°. pp. 41.

Harvard University examinations. Papers used at the examinations for women, 1887. Cambridge. 1887. 8°. pp. 24.

[Descriptions of the courses of studies at Harvard University.] 1885–1886. 8°.

Small pamphlets of from one to sixteen pages prepared for the information of students by the instructors in the various courses. Represented are: Botany and Zoölogy, Classics and Sanskrit, English, Forensics, French, Geology (including Meteorology, Mineralogy, Physical Geography and Palaeontology), History, Mathematics, Music, Political Economy, Romance Philology, Semitic languages.

Summer school of geology, sixth session, 1887. pp. (2).

Examinations for women, 1888. Cambridge. 1887. 12°. pp. 10.

Descriptive list of experiments on the fundamental principles of chemistry for use in Chemistry *B*. Also for the use of masters preparing students for the admission examination in chemistry. By Josiah Parsons Cooke. Second edition, revised after a year's experience in the laboratory. Cambridge. 1887. 12°. pp. 61.

List of experiments in physical measurement. Intended for use in Physics *C*, and for preparing students for the admission examination in advanced physics in 1888. By Harold Whiting, instructor in physics. Cambridge. 1887. 12°. pp. 23.

Provisional list of experiments in elementary physics for admission to College in 1887. Cambridge. 1886. 12°. pp. (4).

Rank lists for 1886–87. 12°. pp. 28.

[Report of the Committe of the Academic Council to whom was referred the proposition of the Medical Faculty relating to a modification of the Academic course.] *Private proof.* 8°. pp. 15.

Expenses at Harvard. An address by Professor George Herbert Palmer before Harvard graduates, Commencement day, 1887. Cambridge. Wilson. 1887. 8°. pp. 22.

Besides the Address this pamphlet contains in an appendix extracts from the letters of recent graduates on which Professor Palmer based his statements. Copies can be had on application to the Secretare of the College.

The quarterly Journal of Economics. Vol. i. Boston. Ellis. 1887. 8°. pp. 512. *charts.*

Contents: — No. 1. (Oct. 1886.) The reaction in Political Economy. C. F. Dunbar. — Private monopolies and public rights. A. T. Hadley. — Silver before Congress in 1886. S. D. Horton.

No. 2. (Jan. 1887.) An historical sketch of the Knights of Labor. C. D. Wright. — The disposition of our public lands. A. B. Hart. — The southwestern strike of 1886. F. W. Taussig.

No. 3. (April, 1887.) The source of business profits. F. A. Walker. — An historical study of Law's system. A. McF. Davis. — Gold and prices since 1873. J. L. Laughlin.

No. 4. (July, 1887.) Deposits as currency. C. F. Dunbar. — An historical study of Law's system. ii. A. McF. Davis. — Some curious phases of the railway question in Europe. S. Sterne.

Beside the leading articles each number contained notes and memoranda on current topics, correspondence, and a bibliography.

Harvard University calendar. No. 195–231; October, 1886—July, 1887.

The calendar is issued in term-time only.

Outlines and Guides for the Use of Students in certain Courses of Instruction.

*** The works recorded here are not published by the University, but are prepared by instructors or students in the respective courses.

History 1. Notes for an elementary course in European history. Cambridge. Wheeler. 1886. 8°. pp. 81.

History 2. Lecture notes in an elementary course in Constitutional government, taken by G. P. Furber. Cambridge. Wheeler. 1887. 8°. pp. 110.

History 13, 17. Topical outline of the courses in constitutional and political history of the United States given at Harvard College in the academic year 1886–87. By Albert Bushnell Hart. Cambridge. Wheeler. 8°. Part I. (1783–1829). 1886. pp. 1–128. Part II. (1829–1861). 1887. pp. 130–258. Additional references, pp. 5.

History 13. Constitutional and political history of the United States (1781–1861): List of lectures, pp. 4; — General readings, pp. 5; — Special reports: 1. General outline. 2. Bibliographical topics. 3. Statistical topics. 4. Geographical topics. 5. Slavery topics (each pp. 2).

History 17. A similar series of guides for the general history of the United States.

History 18. Topical outline of the course in the history of the North American colonies and their growth into a federal union (1492–1789), given at Harvard College in the academical year 1885–86. By Albert Bushnell Hart. Cambridge. Wheeler. [1886.] 8°. pp. 165.

Political Economy 3. Extracts from the laws of the United States relating to American shipping. Cambridge. Wheeler. 1886. 8°. pp. 33.

Compiled by Professor J. L. Laughlin.

Political Economy 6. Topics and references. By F. W. Taussig. Cambridge. Wheeler. 1886.

ARNOLD ARBORETUM.

Annual report of the Director of the Arnold Arboretum [C. S. Sargent] to the President and Fellows of Harvard College, for 1885–86. 1887. 8°. pp. 3, *map.*

Reprinted from the President's annual report.

ASTRONOMICAL OBSERVATORY.

Annals of the Astronomical Observatory of Harvard College. Vol. xvii.; xviii. no. 1, 2. Cambridge. 1887. 4°.

Contents: — xvii. The almucantar. An investigation made at the Observatory in 1884 and 1885, by S. C. Chandler, jr. 1887. pp. ix., (2), 222, *plate* 1.

xviii. 1. Magnitudes of stars employed in various nautical almanacs. pp. 1–13. — 2. Discussion of the Uranometria Oxoniensis. pp. 15–27.

Boyden fund. Circular, no. 1, 2. 4°. 1887.

Contents: — 1. Description of the objects of the fund. Dated 1 March, 1887. pp. (2). — 2. Meteorological observations. pp. 6.

Henry Draper memorial. First annual report of the photographic study of stellar spectra conducted at the Harvard College Observatory, Edward C. Pickering, Director. With plate. Cambridge. 1887. 4°. pp. 10.

Forty-first annual report of the Director of the Astronomical Observatory of Harvard College. Presented to the visiting committee, December 7, 1886. By Edward C. Pickering. Cambridge. 1887. 8°. pp. 12.

The report includes a list of the scientific articles published by the officers of the Observatory during the year. It is also included in the annual report of the President.

BUSSEY INSTITUTION.

Bulletin of the Bussey Institution, Jamaica Plain, Boston.

Nothing has been issued within the period covered by this list. The Bulletin is published by John Allyn, 30 Franklin St., Boston.

The annual report of the Dean of the Bussey Institution will be found in the President's report.

LIBRARY.

Harvard University bulletin, no. 35–37. Vol. iv. no. 6 — vol. iv. no. 8. October, 1886—May, 1887.

Contents (besides the list of Accessions): — 35. (Oct. 1886.) Miltoniana. [A record of the collection recently presented to the Library by the heirs of the late George Ticknor, formerly Professor of Belles Lettres in Harvard University.] pp. 319–324. — The Kohl collection of early maps [completed]. pp. 325–334. — Dante collections [continued]. pp. 335–339.

36. (Jan. 1887.) Dante collections [continued]. pp. 374–379. — Index to reference lists, etc. By W. C. Lane [continued from Oct. 1885]. pp. 380–386. — Calendar of the Sparks manuscripts in Harvard College Library. By Justin Winsor [commenced]. pp. 387–393. — Notes on the subject catalogue of Harvard College Library. History of the United States. pp. 394, 395.

37. (May, 1887.) Dante collections [continued]. pp. 429–436. — Calendar of the Sparks manuscripts [continued]. pp. 437–443. — List of works on North American fungi, etc. By W. G. Farlow and W. Trelease [commenced]. pp. 444–458.

Beginning with no. 18, each Bulletin has contained official abstracts of the records of meetings of the Corporation and the Board of Overseers.

A current necrology of the graduates of the University, contributed by the editor of the Quinquennial catalogue, is contained in each number of the Bulletin.

Bibliographical contributions. Edited by Justin Winsor. In part republished from the Bulletin of Harvard University. The following numbers have been issued since Sept. 1886 : —

23. W. H. TILLINGHAST. A list of the publications of Harvard University and its officers, with the chief publications on the University. 1885–1886. 1887. pp. 21. [Third list.]

24. WILLIAM COOLIDGE LANE. Index to recent reference lists, 1885–86. 1887. pp. 9.
A continuation of No. 20.

25. W. G. FARLOW and WILLIAM TRELEASE. A list of works on North American fungi. 1887. pp. 36.

A general title-page: *Bibliographical contributions, numbers* I. *to* XX. *Vol.* I. *Cambridge.* 1887, has been printed.

Ninth report (1885–86) of Justin Winsor, librarian of Harvard University. 8°. pp. 10.
Included in the annual report of the President, and also printed separately.

MUSEUM OF COMPARATIVE ZOÖLOGY.

Memoirs of the Museum of Comparative Zoölogy at Harvard College. Vol. xvi. No. 1, 2. 1887. 4°.

Contents: 1. Notes on the Taxodium distichium, or bald cypress. By N. S. Shaler. pp. 15. — 2. On the original connection of the eastern and western coal fields of the Ohio valley. By N. S. Shaler. pp. 11. (June, 1887.)

Bulletin of the Museum of Comparative Zoölogy at Harvard College, in Cambridge. Vol. xiii. No. 1–5. 1886–87. 8°.

Contents: — 1. Reports on the results of dredging, by the U. S. C. S. Str. "Blake." XXX. Report on the Holothurioidea. By Hjalmar Théel. pp. 1–22, *plate* 1. (Oct. 1886.) — 2. A second supplement to the fifth volume of the Terrestrial air-breathing mollusks of the United States and adjacent territories. By W. G. Binney. pp. 23–47, *plates* 3. (Dec. 1886.) — 3. Simple eyes in Arthropods. By E. L. Mark. pp. 49–105, *plates* 5. (Feb. 1887.) — 4. Studies from the Newport marine laboratory. XVIII. On the development of the calcareous plates of Amphiura. By J. W. Fewkes. pp. 107–150, *plates* 3. (May, 1887.) — 5. Preliminary account of the fossil mammals from the White River formation, contained in the Museum of Comparative Zoölogy. By W. B. Scott and H. F. Osborn. pp. 151–171, *plates* 2. (Sept. 1887.)

Annual report of the Curator [Alexander Agassiz] of the Museum of Comparative Zoölogy at Harvard College, to the President and Fellows of Harvard College, for 1885–86. Cambridge. 1886. 8°. pp. 32.

This pamphlet contains, beside the main report of the Curator, which is also included in the report of the President, special reports by officers of the Museum on the departments placed under their charge respectively, and lists of the publications of the Museum.

PEABODY MUSEUM OF AMERICAN ARCHAEOLOGY AND ETHNOLOGY.

Twentieth annual report of the trustees of the Peabody Museum of American Archaeology and Ethnology, presented to the President and Fellows of Harvard College, April, 1887 [consisting of the reports of the Treasurer (F. C. Lowell) and of the Curator (F. W. Putnam), with special papers]. Vol. iii. no. 7. pp. 513–586.

Contents: — The way bone fish-hooks were made in the Little Miami valley. By F. W. Putnam. pp. 581–586, *cuts.* An index to vol. iii. is in preparation.

SCIENTIFIC PAPERS FROM THE LABORATORIES OF THE UNIVERSITY.

The Chemical Laboratory.

Contributions from the Chemical laboratory of Harvard College.

On the direct conversion of aromatic sulphonates into the corresponding amido-compounds. By C. L. Jackson and J. F. Wing. *Proc. Am. Acad.* xxii. 245–248; *Am. Chem. Journ.* April, 1887; ix. 76–78.

On benzyldimethylamine. By C. L. Jackson and J. F. Wing. *Ibid.* p. 49; *ibid.* pp. 78–81.

A new method for the quantitative determination of hydroxyl. By C. L. Jackson and G. W. Rolfe. *Ibid.* pp. 253–258; *ibid.* pp. 82–87.

On mucoxybromic and mucoxychloric acids. By H. B. Hill and A. W. Palmer. *Ibid.* pp. 315–342; *ibid.* June, 1887; ix. 147–174.

On benzoltrisulphonic acid. By C. L. Jackson and J. F. Wing. *Ibid.* pp. 348–371; *ibid.* Sept. 1887; ix. 325.

On the action of nitric acid on symmetrical trichlorbenzol. By C. L. Jackson and J. F. Wing. *Ibid.* pp. 372–379; *ibid.* pp. 848–355.

On the behavior of sound and decayed wood at high temperatures. By H. B. Hill and A. M. Comey. *Ibid.* pp. 482–492.

The action of fluoride of silicon on organic bases. By C. L. Jackson and A. M. Comey. *Ibid.* xxiii. 20. German version: *Ber. d. deutsch. chem. Gesellschaft*, 1886, p. 3194.

The Cryptogamic Laboratory.

Contributions from the Cryptogamic laboratory of the Museum of Comparative Zoölogy.

v.* On the anatomy and development of Agarum Turneri, Post and Rupr. By J. E. Humphrey. *Proc. Am. Acad.* xxii. 195–204, *plates* 2.

vi. On the morphology of Ravenelia glandulaeformis. By G. H. Parker. *Ibid.* pp. 205–219, *plates* 2.

vii. On certain cultures of Gymnosporangium, with notes on their Roesteliae. By R. Thaxter. *Ibid.* pp. 259–269.

viii. On the structure of the frond in Champia parvula, Harv. By R. P. Bigelow. *Ibid.* xxiii. pp. 111–120, *plate* 1. *Also* separately, 1887.

* The earlier numbers are: i. Notes on some species in the third and eleventh centuries of Ellis's North American Fungi. *Proc. Am. Acad.* xviii. 65–85. — ii. The cryptogamic flora of the White Mountains. *Appalachia*, iii. 232–251. — iii. Notes on some species of Gymnosporangium and Chrysomyxa of the United States. *Proc. Am. Acad.* xx. 311–323. — iv. Notes on Arctic Algae; based principally on collections made at Ungava Bay by L. M. Turner. *Ibid.* xxi. 469–477.

The Herbarium.

Contributions from the Herbarium of Harvard University.

A preliminary synopsis of North American Carices, including those of Mexico, Central America, and Greenland, with the American bibliography of the genus. By L. H. Bailey, jr. *Proc. Am. Acad.* xxii. 59–157.

The Physical Laboratory.

Contributions from the Physical laboratory of Harvard College. Prepared under the direction of Professor Trowbridge.

Oxygen in the sun. By John Trowbridge and C. C. Hutchins. *Proc. Am. Acad.* March, 1887; xxiii.

Carbon in the sun. By John Trowbridge and C. C. Hutchins. *Ibid.*

On the existence of certain elements, together with the discovery of platinum, in the sun. By C. C. Hutchins and E. L. Holden. *Ibid.*

A new photographic spectroscope. By C. C. Hutchins. *Am. Journ. Sci.* July, 1887; 3d ser. xxxiv. 58, 59.

The Physiological Laboratory of Harvard Medical School.

Collected papers. II. 1880–1886. For private circulation. [Boston. 1887.]

The volume consists of the following papers bound together and provided with a general title-page: 1. Description of a modified pendulum-myograph. J. J. Putnam. — 2. On the reliability of Marey's tambour in experiments requiring accurate notations of time. J. J. Putnam. — 3. A comparison of sight and touch. H. P. Bowditch and W. F. Southard. — 4. Note on the production of the second heart-sound. C. E. Webster. — 5. Optical illusions of motion. 2 *plates*. H. P. Bowditch and G. S. Hall. — 6. Illusions of motion. (Abstract of no. 5.) — 7. On the collection of data at autopsies. H. P. Bowditch and F. A. Harris. — 8. Reaction-time and attention in the hypnotic state. G. S. Hall. —

9. Experimental researches in the tension of the vocal bands. F. H. Hooper. — 10. Plethysmographische Untersuchungen über die Gefässnerven der Extremitäten. Vorläufige Mittheilung. H. P. Bowditch and J. W. Warren. — 11. Beiträge zur Theorie der Wärmempfindung. Vorläufige Mittheilung. W. P. Lombard and G. W. Walton. — 12. Experimental researches on the tension of the vocal bands. (Abstract of no. 9.) — 13. Description of the Physiological laboratory of the Harvard Medical School. J. W. Warren. — 14. Note on the nature of nerve-force. H. P. Bowditch. — 15. The respiratory function of the human larynx. F. H. Hooper. — 16. Plethysmographic and vaso-motor experiments with frogs. F. W. Ellis. — 17. Concerning the positions of paralyzed vocal bands. F. H. Hooper. — 18. Description of a piston-recorder for air connections. F. W. Ellis. — 19. The liquid piston-recorder and the registration of its movements by means of photography. F. W. Ellis. — 20. What is nerve force? H. P. Bowditch. — 21. Plethysmographic experiments on the vaso-motor nerves of the limbs. H. P. Bowditch and J. W. Warren. — 22. Vaso-motor nerves of the limbs. Abstract (of no. 21) by H. P. Bowditch. — A number of investigations have been carried on in the Laboratory the results of which have been embodied in papers not included in this volume. Among the more important are: The healing of arteries. J. C. Warren, N. Y. 1886. — The time sense. L. T. Stevens. *Mind*, 1886; xi. no. 43. — Bilateral asymmetry of function. G. S. Hall. *Ibid.* 1884; ix. no. 33. — Intestinal suture. O. K. Newell. *Boston Med. and Surg. Journ.* 6 Jan. 1887.

A similar volume of collected papers, 1873–1879, was prepared for private circulation in 1880. It contained: —

1. Experiments on the action of bile in promoting the absorption of fats. C. H. Williams. — 2. On intestinal digestion. G. M. Garland. — 3. The lymph spaces in fasciae. H. P. Bowditch. — 4. Contribution to physiology of the cortex cerebri. J. J. Putnam. — 5. Note on the action of lobelina on the circulation. J. Ott. — 6. The physiological action of thebain. J. Ott. — 7. A new form of inductive apparatus. H. P. Bowditch. — 8. Force of ciliary motion. H. P. Bowditch. — 9. Absence of resonance in the fifth right intercostal space diagnostic of pericardial effusion. T. M. Rotch. — 10. Does the apex of the heart contract automatically? H. P. Bowditch. — 11. Experiments on tetanus. C. S. Minot. — 12. The function of the epiglottis in deglutition and phonation. G. L. Walton. — 13. Pharyngeal respiration. G. M. Garland. — 14. The effect of the respiratory movements on the pulmonary circulation. H. P. Bowditch and G. M. Garland. — 15. Growth as a function of cells. C. S. Minot. — 16. Preliminary notice of certain laws of histological differentiation. C. S. Minot. — 17. A new form of the plethysmograph. H. P. Bowditch. — 18. Physiological apparatus in use at the Harvard Medical School. H. P. Bowditch. — The experimental investigations for Dr. G. M. Garland's work on Pneumono-dynamics (Boston, 1878) were made in the Physiological laboratory.

Plethysmographic experiments on vaso-motor nerves of the limbs. By H. P. Bowditch and J. W. Warren. With an appendix by F. W. Ellis. *Journ. of Physiol.* Nov. 1886; vii. 416–452, *plate* 1, *cuts.*

The anatomy and physiology of the recurrent laryngeal nerves. By F. H. Hooper. *N. Y. Med. Journ.* 7, 16, 23 July, 6 Aug. 1887, *cuts.* *Also* separately, 1887, pp. 40.

Notes on the digestion of "living" tissue. By J. W. Warren. *Boston Med. and Surg. Journ.* 17 March, 1887. *Also* separately, 1887, pp. 14.

COLLEGE PAPERS, etc.

The daily Crimson. Vol. x., xi. Sept. 30, 1886—June 24, 1887.

The Harvard Advocate. Vol. xlii., xliii. Oct. 1, 1886—June 24, 1887. *Fortnightly.*

New verses from the Harvard Advocate, 1876–1886, reprinted for the use of later undergraduates. [New York. 1887.] 16°. pp. xxiv. 192, (1).

The Harvard Lampoon. Second series. Vol. xii., xiii. Oct. 15, 1886—June 24, 1887. *Fortnightly.*

The Harvard Law Review. Vol. i. no. 1, 2. April, May, 1887.

Published monthly during the academic year by Harvard law students. *Contents:* No. 1. (May, 1887.) A brief survey of equity jurisprudence. C. C. Langdell. — Legal tender. J. B. Thayer. —

No. 2. (April, 1887.) Purchase for value without notice. J. B. Ames. — Tickets. J. H. Beale, jr. — Each number also contains full reports of moot court cases, and items of interest concerning the Law School.

CLASS DAY EXERCISES.

Class of 1887. Baccalaureate sermon, Class day oration, Class poem, ivy oration, ode, Class song. Cambridge. 1887. 8°. pp. 31, (5).

Sermon: Discipline, by Francis G. Peabody. — Hymn, by J. B. Fletcher. — Oration, by F. E. E. Hamilton. — Poem, by F. S. Palmer. — Ivy oration, by F. Michael. — Ode, by G. P. Baker, jr. — Song, words by A. M. Cummings, music by W. R. Spaulding.

CLASS REPORTS.

1867. Secretary's report. No. 8. 1887. Boston. 8°. pp. 58.

The class secretary is F. H. Lincoln.

1886. Secretary's report. No. 1. Cambridge. 1886. 8°. pp. 107, (1), 10, (1).

The class secretary is J. H. Huddleston.

PUBLIC LECTURES DELIVERED FOR THE UNIVERSITY. 1886–1887.

*** The lectures recorded here are those given by the Lecturers appointed by the University; they are for the most part unpublished, except in reports in the *Daily Crimson* and the Boston newspapers. Besides these lectures many others of value and interest were given during the year by men of distinction in various branches, but as they were not the result of official appointment they are not included here.

John Shaw Billings.

Major, U. S. Army; Surgeon-General's Office. Lecturer on the History of Medicine, 1886–1887.

The history of medicine: lectures delivered at the Medical School, 4–11th May, 1887.

Arthur Twining Hadley.

Professor of Political Science in Yale University. Lecturer on Problems of Railroad Administration, 1886–1887.

Problems of railroad administration: lectures delivered in Sever Hall, April, May, 1887.

1. Railroad buisness methods, 13 April, 1887. — 2. Competition and pooling, 20 April. — 3. Railroad legislation in the United States, 27 April. — 4. The question of state ownership, 4 May.

Rudolfo Lanciani.

Professor of Archaeology in the University of Rome. Lecturer on Roman Archaeology, 1886–1887.

Roman archaeology: lectures delivered at Sanders Theatre, November, December, 1886.

Lectures: 1. The early renaissance of archaeological studies in Rome, 17 Nov. — 2. The foundation and prehistoric life of Rome, 22 Nov. — 3. Hygienic laws and sanitary conditions of ancient Rome, 24 Nov. (see p. 26). — 4. The Tiber and the maritime trade of Rome, 29 Nov. — 5. Roman parks and public gardens, 1 Dec. — 6. The Campagna, 6 Dec. — 7. The police organizations of ancient and mediaeval Rome, 8 Dec. — 8. Ancient and mediaeval libraries, 13 Dec. — 9. The Palace of the Caesars, 15 Dec. — 10. The discovery of the House of the Vestals, 20 Dec. — 11. Treasures found in the excavations, 22 Dec.

Charles Waldstein.

Reader in Classical Archaeology, University of Cambridge, England. Lecturer on Greek Art, 1886–1887.

Greek art and archaeology: lectures delivered at Sanders Theatre, January—March, 1887.

Lectures: 1. The scientific method of research in Greek archaeology, 7 Jan. — 2–4. The various influences affecting the development of Greek art, 23, 25 Feb., 2 March.

TWO HUNDRED AND FIFTIETH ANNIVERSARY.

Publications caused by the Commemoration, November 5–8, 1886.

A record of the Commemoration, November fifth to eighth, 1886, on the two hundred and fiftieth anniversary of the founding of Harvard College. Cambridge. 1887. 8°. pp. 379, *plates* (4).

Edited by Mr. Winsor, the librarian of the University, as the official record of the Commemoration, authorized by vote of the Corporation, 15 Nov. 1886; it contains a sketch of the events of the four days, reports of the various addresses, and a list of all who registered as attending the celebration. — *Plates:* 1. Fac-simile of the earliest existing record of the College. (Front.) — 2. Reduced photogravure of the original charter of 1650, under which the College still acts. This has never been reproduced before. (Between pages 9 and 11.) — 3. Harvard College. 1821. After Alvan Fisher. Taken from the rear of the old President's House. (p. 50.) — 4. The same, taken from the site of Memorial Hall. (p. 50.)

The Record appeared in June, 1887, and a second edition, without change of title, was printed shortly after.

A bundle of statistics relating to the graduates of Harvard University, gathered for the two hundred and fiftieth anniversary, November 5–8, 1886. 4°. pp. (12).

Compiled by W. H. Tillinghast, editor of the Quinquennial Catalogue. Copies were distributed to guests at the room opened for registration.

The quarter millennial anniversary. Harvard University, November 5, 6, 7, and 8, 1886. Undergraduate parts, orations, poems, addresses, sermons, and after-dinner speeches. *The Daily Crimson.* Cambridge, Mass. sm. f°. pp. (40).

This is a separate issue under covers of the *Daily Crimson* for November 6, 7, 8 (misprinted 9), 9 (two issues), 10.

The oration by James Russell Lowell, and the poem by Oliver Wendell Holmes, delivered in Sanders Theatre, Cambridge, November 8, 1886, on the two hundred and fiftieth anniversary of the foundation of Harvard College. *Atlantic Monthly Supplement*, December, 1887. pp. 28.

The undergraduate parts, including an ode by L. McK. Garrison, an oration by F. E. E. Hamilton, a poem by F. S. Palmer, and an address to the undergraduates by E. J. Rich. *Harvard Advocate*, 5 November, 1886; xlii. no. 4.

Music sung by the Alumni at the two hundred and fiftieth anniversary of the foundation of Harvard University. November seventh. 1636–1886. Boston. 1886. 4°. pp. 37.

The Harvard anniversary handbook. 1636–1886. A serviceable guide, programme, and souvenir of the celebration of the two hundred and fiftieth anniversary of the founding of Harvard College at Cambridge. November 5, 6, 7, and 8, 1886. [By Moses King.] Boston. sq. 18°. pp. 95, (9). *Illustr.*

Harvard Law School association. Report of the organization and of the first general meeting at Cambridge, November 5, 1886, on the first day of the celebration of the two hundred and fiftieth anniversrry of the founding of Harvard College. Boston. Published by the Association. 1887. 8°. pp. 99, *plate* 1 (view of Austin Hall).

This was printed with some changes, and the substitution of a list of members of the association, from the type of the *Record of the Commemoration.*

Ye 250th anniversary of ye Harvard Schoole. Also ye 13th annual dinner of ye Harvard Clubbe of San Francisco at ye Occidental House, San Francisco, November ye eighth A.D. MDCCCLXXXVI. 4°. pp. 11.

In part illuminated pen-and-ink work reproduced in black and red with cuts and portraits.

Celebration of the 250th anniversary of Harvard University. By the Harvard University Club of Kentucky at Louisville, Ky., 8 Nov. 1886. pp. 38. (Typewriter copy.)

"Harvard University." Toast at the banquet of the Indiana Harvard Club on the celebration of the two hundred and fiftieth anniversary, Indianapolis, November 8, 1886. By T. L. Sewall. 12°. pp. 8.

MISCELLANEOUS. Beside the invitations, notifications, tickets, and programmes inevitably connected with such an event, lists of the persons registering were issued for distribution from the 2d to 8th November inclusive; there were fifteen such lists in all, two being issued daily on the 2d, 3d, 4th, 5th, four on the 6th, one on the 7th, two on the 8th. These lists gave both the home and the temporary address of persons attending the Commemoration. The original badge bore the College seal elaborately worked in colors; but the supply not proving sufficient, a simple badge of crimson ribbon with gold lettering was provided. At the students' torchlight procession on the 8th, an ancient press purporting to be the first printing-press in British America was carried, the attendants scattering sheets set up in imitation of the title-page of Eliot's Massachusetts Bible. The College Library has a large collection of the fugitive matter printed during the Commemoration, which, when made as nearly complete as possible, will be appropriately bound.

Articles in Periodicals and Newspapers.

It would be useless, were it possible, to make a bibliographical record of what was published concerning the Commemoration in this way. All that is attempted is to indicate those periodicals and papers which gave most space to the event, or whose account or comment was in some respect distinctively noteworthy.

By arrangement with the Boston newspapers the College Library has received their exchanges for the term between October 25th and November 18th, and this mass of papers coming from cities and towns all over the United States, with representatives from Canada, England, and France, has been bound in five folio volumes.

A preliminary announcement appeared in the *Boston Advertiser*, 25 June, 1886; and in October and the first days of November, notices of coming events, gossip, and letters about matters of detail appeared frequently in the *Advertiser* and other Boston papers. The official programme was printed in the papers of Nov. 4.

The fullest accounts of the Commemoration were those given in the Boston *Advertiser*, *Globe*, and *Herald* of Nov. 5, 6, 7, 8, and 9. The *Advertiser* reports, after revision, were issued in the *Weekly Advertiser* of Nov. 11, as a complete account of the Commemoration. The *Globe* and *Herald* were freely illustrated. The Cambridge *Tribune*, Nov. 13, and the *Chronicle* contained accounts of proceedings, with cuts. The *Daily Crimson*, Nov. 6, 7, 8 (mis-dated 9), 9 (two issues), 10 [vol. x. no. 33–37] was chiefly devoted to the Commemoration; these numbers were afterwards issued separately in covers as above described.

Besides these general references the following articles have seemed worthy of separate note: —

Harvard: her rise from a school to a university. With 28 woodcuts. *Boston Sunday Herald*, 31 Oct. — Commemoration at Harvard College: i. phases of its religious history; ii. the relation of the

University to public and private bounty. G. E. E. *Christian Register*, 4, 11 Nov. — Undergraduates' day. Double-page illustration. *Also* cut: "Costume of a Harvard student in 1836. S. L.," *and* extract from the "Carmen seculare," written by Wm. Bigelow in 1836. *Harvard Lampoon*, 5 Nov. — Harvard: the story of its founding retold. With cuts, among them, view of the College in 1739, and Revere's copper-plate. *Cambridge Tribune*, 6 Nov. — Sketch of Harvard College with double-page of woodcuts. *Frank Leslie's illustrated Newspaper*, 6 Nov. — The Harvard celebration: old Harvard; new Harvard. Double-page of woodcuts drawn by H. Sandham. *Harper's Weekly*, 6 Nov. — Rambling talks. M. E. B. *Boston Journal*, 6 Nov. — Harvard University. *Boston Transcript*, 6 Nov. — Happy Harvard: the record of its 250 years. *Boston Traveller*, 6 Nov. — The gift of the old Cambridge to the new. Justin Winsor. *Daily Crimson*, 7 Nov. — Harvard: two centuries and a half old. With 28 woodcuts. *Boston Sunday Globe*, 7 Nov. — The drift of Harvard's past. *Boston Sunday Herald*, 7 Nov. — The Cambridge quarter millenium. E. E. Hale. *N. Y. Tribune*, 7 [?] Nov. — Harvard fifty years ago. The unfortunate college rebellion. *Boston Advertiser*, 8 Nov. (from the *Record*). — Comments on Mr. Lowell's oration. *N. Y. Tribune*, 9 Nov. — Semi-centennial record, 1848. With cuts. *Daily Crimson*, 10 Nov. — Poem. Mrs. S. Folsom. *Boston Advertiser*, 10 Nov. — Lowell's address. E. W. M. *Boston Transcript*, 10 Nov. — The Harvard celebration. Double-page woodcut. F. G. Atwood. *Life*, 8 Nov. — Notes on the celebration. *Christian Register*, 11 Nov. — Harvard celebration. *Nation*, 11 Nov. p. 388; *Literary World*, 13 Nov. p. 390. — Harvard's quarter millenial. D. G. Lyon. *Independent*, 18 Nov. — A recently discovered part of the Cyropaedia. *Harvard Lampoon*, 19 Nov. — The anniversary of Harvard University. [Special letter.] *London Times*, 22 Nov. p. 10; 23 Nov. p. 3. — Harvard University. *Congregationalist*, 25 Nov. — Review of Mr. Lowell's "Democracy, etc." *Nation*, 23 Dec. p. 525. — The Harvard celebration. *Century*, Feb. 1887; xxxiii. 652. — Mr. Lowell on education. *New Princeton Review*, Jan. 1887; iii. 131. — Greeting from Cambridge undergraduates. *Punch* (London), also *Daily Crimson*, 21 Dec.; Reply, *Crimson*, 6 Jan. 1887.

Of commemorative sermons preached on Sunday, 7 Nov., the following are the reports which have been noted: Rev. James Freeman Clarke. *Boston Herald*, 8 Nov. — Rev. Pitt Dillingham, Harvard Unitarian Church, Charlestown. *Boston Advertiser*, 8 Nov. — Rev. G. W. Brooks, First Parish Congregational Church, Charlestown. *Ibid.* — Rev. E. J. Haynes, Tremont Temple. *Boston Herald*, 8 Nov. — Rev. Wm. J. Potter, First Congregational Church, New Bedford. *N. B. Mercury*, 8 Nov. — Rev. Mr. Hosmer, Church of the Unity, Chicago, Ill. *Unity*, 20 Nov.

PUBLICATIONS RELATING TO THE UNIVERSITY.

*** The editor is fully sensible of the unsatisfactory character of the following list of the publications on the University, and it has been allowed to appear again only after considerable hesitation and under the plea that it is better than nothing. It is incomplete because it is an impossibility for the editor to do more than examine the principal periodicals that are received at the Library; for the rest he must depend first upon bibliographical helps, which, though now better and more numerous than ever before, ought not to usurp the place of personal examination, and then upon such random notes as chance throws in the way.

In General.

Reference book for Harvard students. 1887–88. Cambridge. 1887. 16°. pp. 44.

The Harvard '87 Class day and Commencement book. Compiled by Moses King. Boston. [1887.] sq. 24°. pp. 80, *illustr.*

Harvard and its surroundings. Seventh (revised) edition. By Moses King. Boston. 1886. sq. 16°. pp. 102, *illustr.*

Harvard: the first American university. By George Gary Bush. Boston. [1886.] 16°. pp. 160, *illustr.*

Published the week of the commemoration of the 250th anniversary; it deals with the early days of the College.

The College and the church. The "How I was educated" papers and denominational "Confessions." From the Forum magazine. N. Y. 8°. pp. 214.

The first and second papers of the first part, by E. E. Hale and T. W. Higginson, describe the College of their day.

Harvard College. *The emancipation of Massachusetts.* Brooks Adams. Boston. 1887. Chap. ix. pp. 255–285.

The colony of "Nox." By Andrew McFarland Davis. 1887. 8°. pp. 7.

Reprinted from the *Proceedings of the American Antiquarian Society*, 27 April, 1887. See also *Mag. Am. Hist.* March, 1887. The pamphlet describes the curious results of a mistaken or doubtful reading of the will of Wm. Pennoyer, 1670, who founded the Pennoyer scholarships.

The will of Evangelinus Apostolides Sophocles. l. 8°. pp. 7. n. p. n. d.

This will founded the Constantius fund, one half of the income for "the purchase of Greek and Latin books (the ancient classics) or of Arabic books, or of books illustrating or explaining such Greek, Latin, or Arabic books," and one half for the cataloguing department of the College Library.

Frankley. By Henri Greville. Paris. 1887.

The scene of this book is laid in part at Harvard.

The Bostonians. By Henry James. London, etc. 1886.

In chap. xxv. there is a brief description of the exterior of the College.

April hopes. By W. D. Howells. N. Y. 1887.

The scene of the first chapters, which appeared in *Harper's New Monthly Magazine*, Feb. 1887, is laid at Harvard on Class Day.

Coöperation in New England. By E. W. Bemis. [Publications of the American Economic Association. Balt.] 1886. 8°.

Harvard Coöperative Society, pp. 74, 75.

[Burlesque] map of the yard for freshmen [with an appeal to the College on behalf of the Lampoon]. pp. (3).

Songs of Harvard: a collection of college songs and glees as sung by the Glee-club and students of Harvard College. Compiled by H. D. Sleeper, Class of '89. Cambridge. H. D. Everett, '89, publisher. 1886. 4°. pp. 100, *music.*

L'Université Harvard. Les exercises athlétiques; le gymnase; l'anthropométrie; le système du Dr. Sargent; les programmes d'études; progrès du système d'option (*elective studies*). *Rapport sur l'instruction publique à l'exposition universelle de la Nouvelle-Orléans* (1884–85). *Présenté à M. le Ministre de l'Instruction publique et des Beaux-arts, par B. Buisson.* Paris. 1886. 8°. chap. vii. § 3. pp. 220–234.

This forms fasc. 17 of the *Mémoires et documents scolaires publiés par le Musée pédagogique.*

In periodicals. — **1886**: Economy at Harvard. W. P. Garrison. *Boston Advertiser*, 29 Sept. — Extravagance in College life. [G. W. Curtis.] Editor's Easy Chair. *Harper's Mag.* Oct.; lxxiii. 795. — College men in politics. *Boston Sunday Herald*, 3 Oct. — Universités et collèges de l'enseignement supérieur aux États-Unis. Notes prises à l'exposition de la Nouvelle-Orléans et souvenirs de voyage. § 3. Université Harvard. *Revue internat. de l'enseignement*, 15 Oct.; xii. 316–328. — The modern substitute for "Bloody Monday." *Boston Journal*, 5 Oct. — Extravagance at Harvard. P. L. S. *Boston Advertiser*, 11 Oct. — A curious Harvard will. [A poem by W. Bigelow, H. C. 1794.] Editor's Drawer, *Harper's Mag.* Nov.; lxxiii. 969. — Harvard in 1855. Wm. Everett. *Harv. Mo.* Nov.; iii. 43–51. — Harvard bibliography. W. H. Tillinghast. *Boston Transcript*, 3 Nov. — Bequest for a gateway at the main entrance to the yard. *Boston Advertiser*, 5 Nov. — Some quotations from old reports of meetings of the Corporation. *Harv. Advocate*, 5 Nov. — Discussion as to the locality of the main entrance to the College yard. *Boston Advertiser*, 10, 13 Nov.; *Herald*, same week; *Transcript*, 16 Nov. — Seeing a

college play. *Boston Globe*, 7 Nov. — Harvard antique: laws which governed students in early times. *Boston Herald*, 7 Nov. — What Harvard needs. *Boston Advertiser*, 8 Nov. — Early Harvard. *Daily Crimson*, 9 [8] Nov. — The Harvard training. *Boston Advertiser*, 11 Nov. — College football. *Ibid.* 26 Nov. — The Harvard "rebellion." *Boston Post*, just before 18 Nov. — Football. *New Englander*, Dec. — Bequest from Ezekiel Price Greenleaf. *Boston Advertiser*, *Herald*, 10 Dec. — 1887: Social life at Harvard. B. Wendell. *Lippincott's Mag.* Jan.; xxxix. 152–163. — Poor Harvard students: how they are aided by the College funds. *Boston Herald*, 3 Jan. — The *Crimson*, 5 Jan., quotes a criticism of Harvard from the *N. Y. Times*. — A university club for Harvard. *Boston Herald*, 22 Jan., 5 March. — American lead at Harvard. *Boston Herald*, 23 Jan. — Harvard reminiscences. N. Lincoln (H. U. 1842). *Cambr. Tribune*, 29 Jan. — One of the needs of American universities. N. S. Shaler. *Harvard Mo.* Feb.; iii. 169–175. — Review of the President's report. *Boston Med. and Surg. Journ.* 3 Feb. — An interesting inquiry [about the "Colony of Nox"]. A. McF. Davis. *Mag. Am. Hist.* March; xvii. 243. Also *Notes and Queries*, 26 March. — The Harvard cheer. *N. Y. Times*, 13 Mar. — The proposed university at Worcester. E. C. Towne. *Boston Advertiser*, 11, 19 Mar. — History of athletic sports at Harvard. *Cambr. Tribune*, 19 Mar. — The rule concerning physician's certificates. *Boston Med. and Surg. Journ.* 31 Mar. — College fraternities. A. D. White. *Forum*, May; iii. 243. — Forty years ago: reminiscences of old residents and old times in Cambridge. P. R. Ammidown. *Illustr. Cambr. Chron.* 7 May. — A new project at Harvard. *Boston Advertiser*, 25 May. — A brilliant record. [Rev. of the *Harvard Monthly*.] *Ibid.* 30 June. — Cost of living at Harvard. Speech by Prof. Palmer at the Commencement alumni dinner. *Ibid.* 30 June. This speech was widely reported and commented upon at the time of its delivery, and has since been reprinted, with additional matter, in pamphlet form. — Old plate: gifts to Harvard University. J. H. Buck. *Curio*, Sept.; i. 20–22, *plate* 1. — College brawn and college brain. [G. W. Curtis.] Editor's Easy Chair, *Harper's Mag.* Sept.; lxxv. 636.

Alumni.

Harvard University in the war of 1861–1865. A record of services rendered in the army and navy of the United States by the graduates and students of Harvard College and the professional schools. By Francis H. Brown, M.D. [H. C. 1857.] Boston. Cupples, Upham & Co. 1886. 8°. pp. 407.

The first list of graduates and students in the United States service appeared in the *Boston daily Courier*, 8 March, 1862; a fuller list appeared on March 24, and another on May 2. On Commencement, 15 July, 1863, a roll of those who had died in the service was issued on a single sheet. In 1865 there was issued: Roll of students of Harvard College who have served in the army or navy during the war of the rebellion. Commemoration Day, July 21, 1865. 18°. pp. 48. In 1866 an octavo pamphlet, pp. 48, with the same title, was prepared by Dr. Brown, by request of the Corporation, and printed as an appendix to the Triennial catalogue, and also separately. In 1869 a second edition, 52 pages, appeared in the same way. The fuller record was undertaken by Dr. Brown at the request of a Sub-Committee of the Committee of Fifty appointed to build Memorial Hall. A "Summary" not originally included in the book has been issued upon a separate sheet.

Collections relative to the service of graduates and students of Harvard in the army and navy of the United States, in the Library of Harvard College.

The collection comprises: 1. Harvard Medical School in the rebellion (*H. I. Bowditch MSS.*). 2 vols. 4°. i. Documents; ii. Photographs. [H. U. 104.] — 2. Harvardians in the war of the rebellion (*Commemoration MSS.*). 4 vols. f°. i.–iii. Letters; iv. Portraits. [H. U. 103.] — 3. One thick quarto volume of letters, and a companion volume of newspaper obituaries and other cuttings (*Brown MSS.*). [H. U. 102.] — 4. Nine folio volumes containing letters, circulars, cuttings, etc., arranged in the order of classes (*Brown MSS.*). [H. U. 102.]

In periodicals. — 1886: Genuine centenarians. John T. Perry. *Exeter News Letter*, 26 March, reprinted from the *N. Y. Christian Advocate*. — 1887: Harvard graduates as journalists. *Boston Post*, 9 March. — Prominent Harvard men. *Boston Herald*, 13 June. — Harvard College alumni who have held official position. By Judge Wm. A. Richardson. *N. E. Hist. Gen. Reg.* July; xl. 300–306. — Necrology for 1886–87. *Boston Journal*, 1 July (also, *Advertiser* and *Post*). — The oldest graduate. *Boston Journal*, 2 July.

Instruction and Government.

In justice to the nation. American history in American schools, colleges, and universities. F. N. Thorpe. Reprinted from *Education*, Nov., Dec. 1886. [B.] 1886. 8°. pp. 22.

Possible limitations of the elective system. i., ii. By G. H. Palmer. Reprinted from the *Andover Review* for December, 1886, and January, 1887. 8°. pp. 22, 18.

In periodicals. — **1886**: Electives at Harvard. *Academy* [Syracuse, N. Y.], Apr.; i. 108–112. — Suggestions regarding college entrance examinations: a letter to Professor Lane. *Ibid.* Sept. — The new requirements for admission at Harvard College. J. P. Cooke. *Pop. Sci. Mo.* Dec.; xxx. 195–199. — Mercantile value of oratory. Shawmut. *Boston Transcript*, 4 Dec. — English literature at college. *Boston Advertiser*, 23 Dec. — "English literature at college." G. W. Pierce. *Ibid.* 24 Dec. — English literature at college. *Ibid.* 25 Dec. — **1887**: History and the group system. H. B. Adams. *Nation*, 6 Jan.; xliv. 11. — Letter on same subject by G. H. Palmer. *Ibid.* 13 Jan.; xliv. 33. — Elective idleness [in Germany]. *Boston Advertiser*, 21 Jan. — The elective system at college. *Ibid.* 25 Jan. — The degree of A.B. C. W. Super. *Nation*, 3 Feb.; xliv. 97. — Letter by J. T. Littleton. *Ibid.* 24 Feb. 163. — Letter by W. A. M. *Ibid.* 10 March, 207. — The introduction of the elective system. A. H. *Ibid.* 24 Feb.; xliv. 163. — Unclassified work at Harvard. *Boston Advertiser*, 7 March. — The elective system [at the University of Virginia and Harvard]. W. G. Brown. *Nation*, 17 March; xliv. 228. — English in our colleges. A. S. Hill. *Scribner's Mag.* Apr.; i. 507–512. — Academical and professional courses of study. *Boston Med. and Surg. Journ.* 14 Apr.; cxvi. 362. — New English courses at Harvard. *Boston Post*, 27 May. — English at Harvard. *Boston Herald*, 12 June. — Newspaper English. *Boston Advertiser*, 17 Sept.

John Harvard.

In periodicals: — **1886**: John Harvard and his ancestry. Pt. ii. H. F. Waters. With a view of the house at Stratford-on-Avon where Katherine Rogers, John Harvard's mother, once lived. *N. E. Hist. Gen. Reg.* Oct.; xl. 362–380. — Harvard's age. *Boston Advertiser*, 2 Oct. — Note on the picture of his grandfather's house. *Nation*, 14 Oct. — John Harvard and the parish church of St. Saviours. *Boston Advertiser* [from *London Times*], 30 Dec. — **1887**: Harvard or Harvey? S. H. A. H. *Notes and Queries*, 1 Jan. p. 8. — The John Harvard renaissance. A. C. Goodell, jr. *Boston Advertiser*, 5 March. — John Harvard. *Nation*, 21 April.

The Religious Element in College Life.

[Circular relating to the religious services in Harvard College signed by Dr. A. P. Peabody.] Dated 19 March, 1887.

[Confidential circular signed by the Plummer Professor and the Preachers to the University.] Dated July, 1887.

[Circular signed by the Plummer Professor and the Preachers to the University giving a brief report of their services during the past year.] Dated July, 1887.

In periodicals. — **1886**: The new system. *Boston Journal*, 4 Oct. — Union service in Appleton Chapel, 3 Oct. [The first service under the new system.] *Boston Advertiser*, 4 Oct. — An historic night at Harvard. H. C. B. *Boston Transcript*, 4 Oct. — Daily prayers at Harvard. First voluntary exercises. *Boston Journal*, 5 Oct. — Harvard's new departure. *Trans.* 9 Oct. — The Harvard experiment. Prof. Peck. *Churchman*, about 21 Oct. — Prayers at Harvard. D. G. Lyon. *Independent*, 4 Nov. — Public worship in Harvard College. Alumnus. *Christian Union*, 18 Nov. — Harvard University student. *Congregationalist*, 25 Nov. — **1887**: Religion at Harvard. S. J. B. *Christian Register*, 20 Jan.

Reports of the Thursday afternoon vesper services held in Appleton Chapel throughout the year. *Christian Register*, 1886–1887.

Address by Rev. Phillips Brooks, 20 Jan. — The soil and the seed. Rev. F. G. Peabody. 27 Jan. — God our rock. Rev. E. E. Hale. 3 Feb. — Christ and Nathanael. Rev. Phillips Brooks. 10 Feb. —

Semblance and reality. Rev. A. McKenzie. 17 Feb. — The sincerity of God. Rev. G. A. Gordon. 24 Feb. — Opening the door. Rev. F. G. Peabody. 3 March. — The Christian commonwealth. Rev. E. E. Hale. 10 March. — The temptation of Jesus. Rev. Phillips Brooks. 17 March. — The irremediable element in sin. Rev. G. A. Gordon. 24 March. — My Father's business. Rev. A. McKenzie. 31 March. — Jesus in Ephraim. Rev. F. G. Peabody. 7 Apr.

Harvard University Sermons: Reports of the sermons preached in Appleton Chapel on Sunday evenings. *Christian Union*, 1886–1887.

Religion in a university. Rev. F. G. Peabody. 21 Oct. — Glad tidings. Rev. E. E. Hale. 4 Nov. — The truth. Rev. E. E. Hale. 11 Nov. — The isolation of duty. Rev. G. A. Gordon. 23 Dec. — Faith and mountains. Rev. A. McKenzie. 13 Feb.

The Departments.

Astronomical Observatory. — Effect of the Flood Rock explosion observed at Harvard College by Prof. Rogers. *Boston Advertiser*, 17 Oct. 1885. — Stellar photography at Harvard College Observatory. *Nature*, 11 Nov. 1886. — The Boyden fund. *Boston Advertiser*, 24 March, 1887; *Science*, 4 March, 1887. — On the Henry Draper memorial. A photograph of stellar spectra. G. F. Becker. *Proc. Am. Philos. Soc.* Jan.—June, 1887; xxiv. 166–172, *plate* 1. Divinity School. — The new Divinity School building. *Cambr. Tribune*, 29 Jan. 1887. — The Divinity School. C. C. Everett. *Unit. Rev.* March, 1887; xxvii. 193–211. See *also* Editor's note-book, pp. 256–261. Hemenway Gymnasium. — Les exercices athlétiques; le gymnase; l'anthropométrie; le système du Dr. Sargent. *Instruction publique à l'Exposition Universelle de la Nouvelle-Orléans*. B. Buisson. Paris. 1886. pp. 223–227. [See p. 00.] — History of athletic sports at Harvard. *Cambr. Tribune*, 19 March, 1887. — The Hemenway gymnasium. With cuts. *Journ. Education*, 31 March, 1887. — Dr. Sargent and his work at Hemenway gymnasium. *Illustr. Cambr. Tribune*, 26 March, 1887. — In the spring of 1887 there was considerable discussion in the papers of a rumored gift of a swimming-bath; but as it proved to be founded on a misunderstanding, only one reference is made here: *Boston Med. and Surg. Journ.* 21 April, 1887. Law School. — Harvard Law School alumni association. Report of organization. Boston. 1887. 8°. — William and Mary College [antedates Harvard in founding a chair of law]. B. S. Ewell. *Boston Advertiser*, 2 Dec. 1886. The Library. — Electric light in Gore Hall. *Boston Advertiser*, 23 Dec. 1886. — Guarding the College Library after the anti-catholic riot in 1834. R. C. Winthrop. *Proc. Mass. Hist. Soc.* Feb. 1887; xxiii. 216–218. — Harvard College Library subject index. W. C. Lane. *Library Journ.* Aug. 1887; xi. 208. Museum of Comparative Zoölogy. — American museums: the Museum of Comparative Zoölogy, Harvard University. A. R. Wallace. *Fortnightly Rev.* Sept. 1887; cclxxxvi. 346–359. Peabody Museum of American Archaeology. — Archaeological studies at Harvard. *Science*, 21 Jan. 1887; ix. 46, note. — The Serpent mound in Illinois. *Boston Transcript*, 2 Sept. 1886, 4 Jan. 1887, 25 March 1887; *Boston Sunday Herald*, 6 Sept. 1887. Summer Schools. — Dr. Sargent's new school. *Boston Advertiser*, 18 March, 1887. — Harvard summer schools. *Cambr. Tribune*, 9 April, 1887.

PUBLICATIONS OF THE OFFICERS.

*** For the purpose of completing the record, a few articles omitted from former lists are inserted here.

Alexander Agassiz.

Curator of the Museum of Comparative Zoölogy, 1875——.

1. Report as Curator of the Museum of Comparative Zoölogy at Harvard College, 1885–1886. Cambridge. 1886.
2. Editorship of the Memoirs and the Bulletin of the Museum of Comparative Zoölogy. *See* Official publications: Museum of Comparative Zoölogy.
3. Contributions from the Zoölogical laboratory of the Museum of Comparative Zoölogy. *See* Official publications: Scientific papers from the laboratories.
4. Editorship of Reports on the results of dredging by the U. S. C. S. Str. "Blake." *See* Official publications: Museum of Comparative Zoölogy.
5. Editorship of Studies from the Newport marine zoölogical laboratory. *See* Official publications: Museum of Comparative Zoölogy.

James Barr Ames.

Bussey Professor of Law, 1877——.

1. Purchase for value without notice. *Harv. Law Rev.* Apr. 15, 1887; i. 1–18.
2. Cases on partnership. *Ibid.* June, 1887; i. 485–622.

William Henry Baker.

Assistant Professor of Gynæcology, 1882——.

1. Electrolosis in gynecological surgery. 1886. 8°. pp. 14.

Reprinted from vol. xi. of *Gynecological Transactions*.

Ferdinand Bôcher.

Professor of Modern Languages, 1870——.

1. Available French texts. *Modern Language Notes*, Feb. 1887.
2. Unsigned reviews upon French and Russian literature, in the *Nation*.

Henry Pickering Bowditch.

Professor of Physiology, 1876——. *Dean of the Medical Faculty*, 1883——.

1. Plethysmographic experiments on the vasomotor nerves of the limbs. With Dr. J. W. Warren. *Journal of Physiology*, Nov. 1886; vii. 416–452, *plate* 1, *cuts*.
2. Abstract of the above. *Proc. Am. Assoc. Adv. Sci.* Dec. 1886; xxxv.
3. The action of sulphuric ether on the peripheral nervous system. *Am. Journ. Med. Sciences*, April, 1887.

Papers representing work done in Physiological laboratory. *See* Official publications, p. 8.

4. What is nerve force? Address as Vice-President of the Biological section of the American Association for the Advancement of Science, at the 35th meeting. *Proc. Am. Assoc. Adv. Sci.* 1887; pp. 237–246.

Charles Albert Brackett.

Professor of Dental Pathology and Therapeutics, 1883——.

1. The arrangement of curtains at a southerly window. *Dental Review* (Chicago), Feb. 1887; i. 228.
2. A contribution to the discussion of a paper by Dr. I. B. Davenport, of Paris, France, entitled, "The significance of the natural form and arrangement of the dental arches of man, with a consideration of the changes which occur as a result of their artificial displacement by filing or by the extraction of teeth." *Dental Cosmos*, Sept. 1887; xxix. 568, *illustr.*

A paper read before the New York Odontological Society, 14 June, 1887. *See* their *Trans.* 1886–87. *Also* reprinted separately, Philadelphia. 1887. 8°. pp. 8.

Edward Hickling Bradford.

Instructor in Surgery, 1886——.

1. Causation and treatment of lateral curvature. *Med. Commun. Mass. Med. Soc.* 1886; xiii. no. 5; pp 647–663, *illustr.*

This article also appeared in the *Boston Med. and Surg. Journ.* 9 Sept. 1886.

2. Pott's disease. *Reference Handbook of the Medical Sciences.* Ed. A. H. Buck, M.D. New York. Wood. 1887.
3. Report of progress in orthopedic surgery. With R. W. Lovett, M.D. *Boston Med. and Surg. Journ.* 21, 28 Oct. 1887; cxv. 373, 398.
4. Subperiosteal amputation at the hip-joint after hip-disease. *Ibid.* 24 Feb. 1887; cxvi. 180.

William Brewster.

Assistant in charge of Mammals and Birds at the Museum of Comparative Zoölogy, 1885——.

1–17. In *The Auk*, of which Mr. Brewster is an associate editor: — 1. Occurrence of the yellow-billed tropic bird in Florida. Oct. 1886; iii. 481. — 2. Breeding of the white-faced glossy ibis in Florida. 481, 482. — 3. A red-headed black vulture. 483, 484. — 4. Two additional Massachusetts specimens

of the prothonotary warbler. 487, 488. — 5. The golden eagle in eastern Massachusetts. Jan. 1887; iv. 75. — 6. The black gyrfalcon (*Falco rusticolus obsoletus*) in eastern Maine. 75. — 7. Three new forms of North American birds. April, 1887; iv. 145–149. — 8. The common murre (*Uria troille*) and the razor-billed auk (*Alca torda*) on the New England coast. 158. — 9. Further notes on the masked bob-white (*Colinus ridgwayi*). 159, 160. — 10. Capture of a third specimen of the short-tailed hawk (*Buteo brachyurus*) in Florida. 160. — 11. A third New England specimen of Swainson's hawk (*Buteo swainsoni*). 160. — 12. Capture of a fish crow (*Corvus ossifragus*) at Wareham, Mass. 162. — 13. The red-polls of Massachusetts. 163, 164. — 14. An overlooked specimen of Bachman's warbler. 165. — 15. Discovery of the nest and eggs of the western warbler (*Dendroica occidentalis*). 166, 167. — 16. Hummingbirds feeding their young on insects. July, 1887; iv. 255. — 17. Scarcity of adult birds in autumn. 268, 269.

Phillips Brooks.

Preacher to the University, 1886——.

1. Tolerance: two lectures addressed to the students of several of the divinity schools of the Protestant Episcopal Church. New York. Dutton. 1887. pp. 111.
2. Address at the two hundredth anniversary of King's Chapel, Boston. *The Commemoration by King's Chapel, etc.* Boston. 1887. pp. 112–121. *Christian Register*, 23 Dec. 1887; lxv. 811.
3. Sermon preached in Appleton Chapel at the commemoration of the founding of Harvard College, on Foundation Day, 8 November, 1886. *Record of the Commemoration.* Cambridge. 1887. pp. 171–190.

4–6. Sermons preached at the vesper services held in Appleton Chapel. *Christian Register.* 1887.

4. 20 Jan. — 5. Christ and Nathanael. 10 Feb. — 6. The temptation of Jesus. 17 March.

7. Henry Hobson Richardson. *Harvard Monthly*, Oct. 1886; iii. 1–7.

Herbert Leslie Burrell.

Demonstrator of Bandaging and Apparatus, 1887——.

1. Fracture of the spine; its immediate treatment by rectification of the deformity and fixation by plaster-of-Paris jacket. *Boston Med. and Surg. Journ.* 25 Aug. 1887; cxvii. 169–174, *illustr.* — *Med. Commun. Mass. Med. Soc.* 1887; xiv. no. 1, 151–177, *illustr.*
2. Four months' experience in minor surgery at the Boston City Hospital. *Ibid.* 29 Sept. 1887; cxvii. 297–300, *illustr.*

William Elwood Byerly.

Professor of Mathematics, 1881——.

1. Treatise on elementary geometry. By Wm. Chauvenet. Revised and abridged by W. E. Byerly. Philadelphia. Lippincott. 1887.

Arthur Tracy Cabot.

Clinical Instructor in Genito-urinary Surgery, 1885——.

1. Papers upon genito-urinary surgery. [2d series.] v.–vii. Boston. 1887. 4°. pp. 26.

Contents: v. Notes on the treatment of stone in the bladder. [Also *Boston Med. and Surg. Journ.* 2, 9 Dec. 1886; cxv. 518, 547.] — vi. A case of supra-pubic lithotomy. [Also *Ibid.* 11 Nov. 1886; cxv. 447.] — vii. A case of hysterectomy for the relief of pyelitis from obstruction. [Also *Ibid.* 2 June, 1887; cxvi. 517.] — The first series of these papers was published in 1886.

2. Diseases of the prostate. *Reference Handbook of the Medical Sciences.* Ed. A. H. Buck, M.D. New York. Wood. 1887.

James Read Chadwick.

Clinical Instructor in Diseases of Women, 1881–1887.

1. Poisonous arsenical wall-papers. *Boston Med. and Surg. Journ.* 10 Feb. 1887; cxvi. 129, 130.
2. The value of the bluish coloration of the vaginal entrance as a sign of pregnancy. *Trans. Am. Gynecolog. Soc.* 1887; xi. *Also* separately. 8°. pp. 17, *chromo lithograph*, 1.
3. Librarian's tenth and eleventh (conjoint) reports to the Boston Medical Library Association. Boston. 1887. 8°. pp. 6.
4. Ventral hernia after laparotomy, and its surgical treatment. *Trans. Am. Gynecolog. Soc.* xii. *Also* separately. 8°. pp. 16, *photographic illustr.* 2.

Read at the meeting held in New York Sept. 13; but the volume will not appear until the end of the year.

5. A case of hydatiform mole. *Boston Med. and Surg. Journ.* 17 March, 1887; cxvi. 258, 259.

Seth Carlo Chandler.

Astronomical Observatory.

1. The almucantar. An investigation made at the Observatory in 1884 and 1885. Cambridge. 1887. 4°. pp. ix., (1), 222. *Annals of the Astronomical Observatory of Harvard College*, vol. xvii.
2. Determination of the diameter of Venus, at its transit in 1882, with development of method for application to any inferior conjunction. *Observations of the transit of Venus, Dec. 5, 6, 1882, made at the Harvard College Observatory.* Cambridge. 1883. 8°. pp. 35–40.
3. Catalogue of suspected variables visible to the naked eye. *Annals of the Astronomical Observatory of Harvard College*, vol. xiv. chap. xiii. Cambridge. 1885.
4. On the square bar micrometer. *Mem. Am. Acad.* 1885; xi. 159.
5. On the light-ratio unit of stellar magnitudes. *Astronomische Nachrichten*, cxv. 145.
6. On the variable 10 Sagittae. *Ibid.* cxv. 217.
7. On the colors of variable stars. Abstract. *Proc. Am. Assoc. Adv. Sci.* 1884; xxxiii. 59.

8. A comparative estimate of methods and results in stellar photometry. Abstract. *Proc. Am. Assoc. Adv. Sci., 35th meeting.* Salem. 1887; xxxv. 81.

9. Johann Friedrich Julius Schmidt. *Proc. Am. Acad.* 1883–4; xix. 564.

10–19. In the *Astron. Journal:* — 10. On the light-variations of Sawyer's variable in Vulpecula. vii. 2. — 11. Elements and ephemeris of comet *f*, 1886. vii. 23, 30. — 12. On a new short-period variable in Cygnus. vii. 32. — 13. On a new variable of the Algol-type. vii. 40. — 14. On the new Algol-variable in Cygnus. vii. 47. — 15. On an inaccuracy in the development of a differential refraction formula. vii. 53. — 16. On some places of Auwers's Fundamental catalogue. vii. 88. — 17. On the orbit of the great southern comet. vii. 92, 100. — 18. Elements and ephemeris of comet 1887, *e*. vii. 104. — 19. Improved elements and ephemeris of comet 1887, *e*. vii. 121.

20. There are besides various cometary orbits published in the circulars of the *Science Observer*, which are analyzed under Mr. Ritchie's name in this and former lists.

Edward Channing.

Instructor in History, 1883–1887; *Assistant Professor of History*, 1887——.

1. Die Rassen von Zentralasien. *Das Ausland*, 1885; 58er Jahrg. 458–460.

2. Aims of geographical education. *Science*, 21 Jan. 1887; ix. 48–50.

3. A review of J. A. Doyle's "English in America: the Puritan colonies." *English Historical Review*, July, 1887; i. 587–593.

David Williams Cheever.

Professor of Surgery, 1882——.

1. Exostosis of facial bones. *Boston Med. and Surg. Journ.* 23 Dec. 1887; cxvi. 596.

2. The surgery of the abdomen, illustrated by eight cases. *Ibid.* 7 July, 1887; cxvii. 6–9.

Francis James Child.

Professor of English, 1876——.

1. The English and Scottish popular ballads. Part iv. Boston. 1886. 4°. pp. (6), 263–515.

Arthur Messinger Comey.

Assistant in Chemistry, 1885——.

1. On the decomposition of wood at high temperatures. [On the behavior of sound and decayed wood at high temperatures. ii.] With H. B. Hill. *Proc. Am. Acad.* xxii. 488–492.

2. Ueber die Einwirkung des Fluorsiliciums auf organische Basen. *Ber. d. deutsch. chem. Gesellsch.* Jan. 1887; xix. 3194.

3. On the action of silicon fluoride on organic bases. *Proc. Am. Acad.* xxii. 20.

Josiah Parsons Cooke.

Erving Professor of Chemistry and Mineralogy, 1851——; *Director of the Chemical Laboratory.*

1. The new requisitions for admission at Harvard College. *Pop. Sci. Mo.* Dec. 1886; xxx. 195–199.

2. Contributions from the Chemical laboratory of Harvard College under the supervision of Professor Cooke, Director. *See* Official publications: Scientific papers from the laboratories, p. 7.

Elbridge Gerry Cutler.

Clinical Instructor in Auscultation, 1884——.

1. Three cases of dyspepsia. *Boston Med. and Surg. Journ.* 15 Sept. 1887; cxvii. 252–255.

Francis Henry Davenport.

Assistant in Gynaecology, 1881——.

1. Reports on progress in gynaecology. *Boston Med. and Surg. Journ.* 27 Jan., 1 Sept. 1887; cxvi. 84–87, cxvii. 200–202.

2. Uterine haemorrhage: a consideration of some of the less common causes and their treatment. *Ibid.* 11 Aug. 1887; cxvii. 124–127.

William Morris Davis.

Assistant Professor of Physical Geography, 1885——.

1. Three brief articles on cyclones printed on the *Pilot charts of the North Atlantic*, issued by the U. S. Hydrographic office for Aug., Sept., and Oct. 1886.

2. Relation of the coal of Montana to the older rocks; a report on field work in 1883 for the Northern Transcontinental Survey. *Tenth Census of the United States. Final reports.* Vol. xv. Washington. 1887. pp. 697–712.

3. Mountain meteorology. Reprinted from *Appalachia.* March, Dec. 1886. [iv. 226–244, 327–350.] Cambridge. 1886. 8°.

A portion of this article also appeared, under the title "The foehn," in the *Am. Meteorol. Journ.* Aug., Sept. 1887; iv. 182, 224.

4. The mechanical origin of the triassic monoclinal in the Connecticut valley. *Am. Journ. Sci.* Nov. 1886; 3d ser. xxxii. 342–352, *illustr.*

Abstract in the *Proc. Am. Assoc. Adv. Sci. 35th Meeting*, 1886, pp. 224–227.

5. Water vapor and radiation. — The foehn in New Zealand. Reprinted from the *Am. Meteorol. Journ.* Feb. 1887 [iii. 442–445]; pp. (4).

6. The foehn in the Andes. Reprinted from the same, May, 1887 [iii. 507–516]. 1887. 8°. pp. 10.

7. [Review of Ferrel's] Recent advances in meteorology. *Science* (suppl.), 3 June, 1887; ix. 539–541.

8. Methods of instruction in geological investigation. *Am. Naturalist*, Sept. 1887; xxi. 810–825.
9. The study of geography. *Science*, 9 Sept. 1887; x. 131.
10. The classification of lakes. *Ibid.* 16 Sept. 1887; x. 142.
11. [Review of T. M. Reade's] Origin of mountain ranges. *Ibid.* 16 Sept. 1887; x. 139.

Frank Winthrop Draper.

Assistant Professor of Legal Medicine, 1884——.

1. On pancreatic hemorrhage and sudden death. *Trans. Assoc. Am. Physicians*, i. 241. Also *Boston Med. and Surg. Journ.* 28 Oct. 1886; cxv. 393.
2. Recent progress in legal medicine. *Boston Med. and Surg. Journ.* 3, 10 Feb. 1887; cxvi. 42, 127.

Charles Franklin Dunbar.

Professor of Political Economy, 1871——.

1. The reaction in political economy. *Quart. Journ. Econ.* Oct. 1886; i. 1–27.
2. Deposits as currency. *Ibid.* July, 1887; i. 401–419.

Thomas Dwight.

Parkman Professor of Anatomy, 1883——.

1. Recent progress in anatomy. *Boston Med. and Surg. Journ.* 10 Mar. 1887; cxvi. 229–231.
2. Floating kidney. *Ibid.* 31 Mar. 1887; cxvi. 318.
3. Account of two spines with cervical ribs, one of which has a vertebra suppressed, and absence of the anterior arch of the atlas. *Journ. Anat. and Physiol.* July, 1887; xxi. 539–550, *plate* 1. *Also* separately.
4. The range of variation of the human shoulder blade. *Am. Naturalist*, July, 1887; 627–638; *plates* 2, *cuts*.
5. Some reviews, mostly signed with initials, in the *Boston Med. and Surg. Journ.*, and some unsigned editorials.

Charles William Eliot.

President of the University, 1869——.

1. Address at the commemoration of the 200th anniversary of King's Chapel, 15 Dec. 1886. *The Commemoration by King's Chapel, Boston, of the completion of 200 years since its foundation.* Boston. 1887. 8°. pp. 109–111.
2. Speech at the dinner of the Alumni on Alumni Day, 9 Nov. 1886, at the commemoration of the 250th anniversary of Harvard College. *Record of the Commemoration.* Cambridge. 1887. pp. 261–263.
3. Annual report of the President and Treasurer, 1885–86. Cambridge. 1887. 8°.

Harold Clarence Ernst.

Demonstrator of Bacteriology, 1885——.

1. An experimental research upon rabies. *Am. Journ. Med. Sciences*, April, 1887.
2, 3. Articles: Cholera; Diphtheria. *Handbook of Medical Sciences.* Ed. A. H. Buck, M.D. Vol. i., iv. New York. Wood. 1886, 1887.

Charles Carroll Everett.

Bussey Professor of Theology, 1869——. *Dean of the Divinity School*, 1878——.

1. The poems of Emerson. *Andover Review*, March, 1887; vii. 229–248.
2. Harvard Divinity School. *Unitarian Review*, March, 1887; xxvii. 193–211.
3. An outside view of revivals. *Forum*, August, 1887; ii. 587.

William Gilson Farlow.

Professor of Cryptogamic Botany, 1879——.

1. The task of American botanists. *Pop. Sci. Mo.* July, 1887; xxxi. 305–314. *Also* separately.
2. Vegetable parasites and evolution. *Botanical Gazette*, Aug. 1887; xii. 173–189. *Also* separately from *Proc. 36th meeting Am. Assoc. Adv. Sci.* Salem. 1887. pp. 19.

Address as Vice-President of the Section of Biology before the American Association for the Advancement of Science.

3. H. W. Ravenel. *Ibid.* Aug. 1887; xii. 194–197.
4. Aecidium on Juniperus virginiana. *Ibid.* Sept. 1887; xii. 205–207.
5. A list of works on North American fungi. With W. Trelease. Cambridge. 1887. 4°. pp. 36. [Harv. Univ. Library Bibliograph. Contrib. no. 25.]
6. Professor Farlow is co-editor of the *Annals of Botany*, Oxford, Eng., the first number of which appeared in Aug. 1887.

Jesse Walter Fewkes.

Assistant in charge of Invertebrates at the Museum of Comparative Zoölogy, and of the Newport Marine Laboratory, 1886——.

1. Report on the medusæ collected by the U. S. Fish Commission steamer "Albatross" in the region of the Gulf Stream in 1883–84. *Ann. Report U. S. Commissioner of Fish and Fisheries for* 1884. Washington. 1886. 8°. pp. 926–977, *plates* 10. *Also* separately.
2. A new Rhizostomatous medusa from New England. *Am. Journ. Sci.* Feb. 1887; 3d ser. xxxiii. 119–125, *plate* no. iv.
3. On the development of the calcareous plates of Amphiura. [Studies from the Newport marine laboratory. XVIII.] *Bull. Mus. Comp. Zoöl.* May, 1887; xiii. no. 4; pp. 107–150, *plates* (*double*) 3.

Thomas Fillebrown.

Professor of Operative Dentistry, 1883——.

1. The influence of culture upon professional skill. *Independent Practitioner*, March, 1887. *Also* separately. 8°. pp. 12.

Twenty-second annual address delivered before the Massachusetts Dental Society, at its meeting in Boston, 9 Dec. 1886.

Theodore Willis Fisher.

Clinical Instructor in Mental Diseases, 1884——.

1. Two unique cases of insanity, possibly epileptic. 8°. pp. 21. Reprinted from the *Am. Journ. of Insanity*, Jan. 1887.
2. Forty-eighth annual report of the Superintendent of the Boston Lunatic Hospital for the year ending 31 Dec. 1886. With 68 tabulated autopsies. Boston. 1887. 8°. pp. 81.
3. Monomania and its modern equivalents. *Trans. 9th Internat. Med. Congr.* Washington, D.C., 5–10 Sept. 1887.

Charles Follen Folsom.

Lecturer on Mental Diseases, 1885——.

1. Cases of multiple neuritis. *Boston Med. and Surg. Journ.* 26 May, 1887; cxvi. 493–496.
2. Short editorial articles and book notices in the same periodical.

Harold North Fowler.

Instructor in Latin and in Greek Archaeology, 1886–1887; *Instructor in Greek and Greek Archaeology*, 1887——.

1. The sources of Seneca de Beneficiis. *Trans. Am. Philol. Assoc.* 1886; xvii. 24–33.
2. The statue of Asklepios at Epidauros. *Am. Journ. Archaeol.* 1887; iii. 32–37.
3. Summaries in every number of the *American Journal of Archaeology*.

Kuno Francke.

Instructor in German, 1884–1887; *Assistant Professor of German*, 1887——.

1. The parliamentary experiment in Germany. [Privately printed.] sq. 12°. pp. 14.

William Whitworth Gannett.

Clinical Instructor in Auscultation, 1884——. *Instructor in Pathology*, 1886——.

1. Should nurses who are tuberculous be allowed the care of children? *Boston Med. and Surg. Journ.* 29 April, 1886; cxiv. 385–388.
2. Post-mortem examinations. *Handbook of Medical Sciences.* Ed. A. H. Buck, M.D. Vol. iv. New York. Wood. 1887.

Samuel Garman.

Assistant in Herpetology and Ichthyology at the Museum of Comparative Zoölogy, 1873——.

1. The snakes of Massachusetts. *Boston Transcript*, 15 Mar. 1887.

Read before the Boston Scientific Society, 8 Feb. 1887.

2. The tail of Chlamydoselachus. *Science*, 18 Mar. 1887; ix. 267.

3–7. In the *Bulletin of the Essex Institute*, Jan.—Mar. 1887; xix. nos. 1–3. — 3. On the West Indian Teiidae in the Museum of Comparative Zoölogy. pp. 1–12. — 4. West Indian Batrachia in the Museum of Comparative Zoölogy. pp. 13–16. — 5. On West Indian Geckonidae and Anguidae. pp. 17–24. — 6. On West Indian reptiles: Iguanidae. pp. 25–50. — 7. On West Indian reptiles: Scincidae. pp. 51–53.

8. Natural history notes. *Science Observer*, 1887; *also* separately. pp. (2).

Contents: — Amblystoma and Gordius. — Monstrous embryos. — A prehensile-tailed "Salamander." — On habits of the Copperhead. — A brilliant meteor.

George Lincoln Goodale.

Professor of Botany, 1878——. *Director of the Botanic Garden*, 1879——.

1. A method for subjecting living protoplasm to the action of different liquids. *Am. Journ. Sci.* Feb. 1887; 3d ser. xxxiii. 144.
2. A course of ten lectures on the phenomena presented by ligneous plants. With an account of the probable origin, the classification, and distribution of the shrubs and trees of New England. Delivered in March and April, 1887, before the Woman's Education Association. Reported for the *Boston Journal* by Miss Hatch.
3. The behavior of living protoplasm under the action of certain substances in dilute solution. A modification of Pfeffer's method. *Proc. Boston Soc. Nat. Hist.*

George Angier Gordon.*

Preacher to the University, 1886——.

1. Address at the commemoration of the 200th anniversary of King's Chapel, Boston. *The Commemoration by King's Chapel.* Boston. 1887. 8°. pp. 105–108.

Also to be found in the *Christian Register*, 25 Dec. 1886; xxv. 813.

2. The isolation of duty. Sermon preached at the Sunday evening service in Appleton Chapel. *Christian Union*, 23 Dec. 1886.

3, 4. Sermons preached at vesper services in Appleton Chapel. *Christian Register*, 1887.

3. The sincerity of God. 24 Feb. — 4. The irremediable element in sin. 24 Mar.

5. Address at the commemoration of the 150th anniversary of the West Church, Boston. *The Commemoration Services at the West Church.* Boston. 1887. pp. 72–74. Also *Christian Register*, 10 Mar. 1887.

6. The preacher as an interpreter. *Andover Rev.* Sept. 1886; vi. 225–239.
7. Sermon: the missionary motive and the American Board. *Christian Union*, 13 Jan. 1887.

Charles Hall Grandgent.

Tutor in Modern Languages, 1886——.

1. A review of Schuchardt's "Keltisches und Romanisches." *Modern Language Notes*, Dec. 1886; i. 294.

Asa Gray.

Fisher Professor of Natural History, 1842——. *Director of the Herbarium*, 1883——.

1. The elements of botany for beginners and for schools. (Based upon First lessons in botany.) New York. 1887. 12°.
2. Memoranda of a revision of North American violets. *Proc. 35th meeting Am. Assoc. Adv. Sci.* 1887; 247–258. *Also* in the *Botanical Gazette*, Oct. 1886.
3. The genus Iris. *Botanical Gazette*, xii. no. 1.
4. Delphinium: an attempt to distinguish the North American species. *Ibid.* no. 3.
5. Contributions to American botany. *Proc. Am. Acad.* Mar. 1887; xxii. 270–314. *Also* separately.

Contents: 1. Revision of some polypetalous genera and orders precursory to the flora of North America (Papaveraceæ, Portulacaceæ, Malvaceæ, Tiliaceæ, Zygophyllaceæ). — 2. Sertum Chihuahuense; appendix. — 3. Miscellanea.

6. Botanical necrology of 1886. *Am. Journ. Sci.* Feb. 1887; 3d ser. xxxiii. 164.
7. Botanical notes. *Ibid.* Oct. 1886—May, 1887.
8. Science and the doctrine of immortality. *Science and immortality.* Boston. 1887. 24°. pp. 14.

The first collection of the letters brought together in this volume was published in the *Christian Register*, 7 April, 1887; lxvi. 211.

Charles Montraville Green.

Instructor in Obstetrics, 1885——.

1. The etiology and treatment of occipito-posterior positions. *Trans. Am. Gynaecol. Soc.* 1886; xi. 451. *Also* printed separately.

Presented as the paper of a candidate for fellowship to the Council of the American Gynaecological Society, Sept. 1886.

2. The treatment of prolapse of the uterus and vagina, especially in the aged, with illustrative cases. *Boston Med. and Surg. Journ.* 30 Dec. 1886; cxv. 615–618, *illustr.* *Also* printed separately.

Read before the Boston Society for Medical Improvement, 13 Dec. 1886.

3. The necessary armamentarium for obstetric practice. *Ibid.* 21 April, 1887; cxvi. 379.

Proceedings of the Obstretrical Society of Boston, 12 Feb. 1887.

4. Semi-annual reports on progress in obstetrics. *Ibid.* 20 Jan., 25 Aug. 1887; cxvi. 57; cxvii. 180.
5. Dr. Green has also contributed to the *Boston Med. and Surg. Journ.* reviews of obstetrical works and monthly reports of the proceedings of the Obstetrical Society of Boston.

Francis Boott Greenough.

Clinical Instructor in Syphilis, 1875——.

1. A few statistics on the comparative frequency of the chancroid. *Boston Med. and Surg. Journ.* 9 June, 1887; cxvi. 545–549.

James Bradstreet Greenough.

Professor of Latin, 1883——.

1. Horace's satires and epistles, edited by J. B. Greenough. Boston. Ginn. 1887. [College series.]

Herman August Hagen.

Professor of Entomology, 1870——.

1. Kurze Bemerkungen ueber das Flügelgeäder der Insecten. *Wiener Entomol. Zeitung*, 20 Nov. 1886; v. 311, 312.
2. The larva of Ptinus latro. *Entomologica Americana*, 1886; ii. 232.
3. A living Ixodes said to have been four months in the ear of a man. *Ibid.* 1887; iii. 124, 125.
4. Illustrations of North American entomology, by Townend Glover, Washington, D. C. *Stettiner Entomol. Zeitung*, 1887; xlvii. 131–142. *Also* separately. pp. 12.

5–9. In the *Canadian Entomologist:* 5. On a new library pest. Dec. 1886; ix. 221–230; *also* a German translation. *Stettiner Entomol. Zeitung*, 1886; xlvii. 270–277. This was a lecture delivered before the Thursday club. — 6. The Coccidae in the Museum of Comparative Zoölogy at Cambridge, Mass. March, 1887; x. 60. — 7. Stray notes on Myrmeleonidae, i. (*Palpares*). May, June, 1887; x. 89–93, 110–112. — 8. Stray notes on Myrmeleonidae, ii. (*Acanthaclisis*). July, Aug. 1887; x. 133–136, 147–156. — 9. Some North American Tachinae, by baron Osten-Sacken. (Pub. by Dr. H. A. Hagen.) Sept. 1887; x. 162–166.

Edward Everett Hale.

Preacher to the University, 1886——.

1. The Chautauqua system: two addresses. Boston. Smith. 16°. pp. 37.
2. Friendship and friends: a sermon. Boston. Smith. 16°. pp. 16.
3. Standard biographies: lights of two centuries. Edited by E. E. Hale. New York. Barnes. 8°. pp. 600, *portraits.*
4. Selections from Addison, for the Garnet Chautauqua series. Boston. Rand & Avery. 16°. pp. 200.
5. History of the United States, written for the Chautauqua reading circles. New York. Phillips. 8°. pp. 312.

6. Franklin in France. From original documents, most of which are now published for the first time. With E. E. Hale, jr. Boston. Roberts. 1887. 8°. pp. xvi. (4), 478, *portraits.*

7. Three articles on common errors in English. *Chautauquan* (Meadville, Pa.).

8. Training of the American citizen. *Unit. Rev.* Feb. 1887; xxvii. 151–162.

9. Books that have helped me. *Forum*, March, 1887; iii. 29–38.

10. The Chautauquan reading circle. *Unit. Rev.* Feb. 1887; xxvii. 233–248.

11. Parable in the pulpit. *Homiletic Rev.* June, 1887.

12. Choice of an occupation. *Forum*, Aug. 1887; iii. 604.

13. The Cambridge quarter-millennium. *N. Y. Tribune*, Nov. 1886.

14, 15. Sermons preached at the Sunday evening services, in Appleton Chapel. *Christian Union*, 1886.

14. Glad tidings, 4 Nov. 1886. — 15. The truth, 11 Nov. 1886.

16, 17. Sermons preached at the vesper-services in Appleton Chapel. *Christian Register*, 1887.

16. God our rock. 3 Feb. — 17. The Christian commonwealth. 10 March.

Edwin Herbert Hall.

Instructor in Physics, 1881——.

1. Inertia-force. *Science*, 18 Feb., 11 March, 1887; ix. 158, 231.

2. Experimental physics for schools. *Ibid.* 9 Sept. 1887; x. 129.

Charles Harrington.

Instructor in Hygiene and Assistant in Chemistry, 1885——.

1. Poisons: *Reference Handbook of Medical Sciences.* Ed. A. H. Buck, M.D. Vol. v. New York. Wood. 1887.

2. Report on the analysis of milk, in 18*th Annual Report of the State Board of Health of Massachusetts.* Boston. 1887. 8°. pp. 117.

3. Chrome considered as a poison. *Science*, 26 Aug. 1887; x. 104–106.

Albert Bushnell Hart.

Instructor in History, 1886–1887; *Assistant Professor of History*, 1887——.

1. Topical outline of the courses in constitutional and political history of the United States given at Harvard College in the academic year 1886–87. Part i. (1783–1829); part ii. (1829–1861). Cambridge. Wheeler. 1886, 1887.

2. Map showing the territorial growth of the United States. New York. Photo-Gravure Co. 1887.

3. The disposition of our public lands. *Quart. Journ. Econ.* Jan. 1887; i. 169–183, 251–254.

4. The fourth estate of the congress of the United States. *Civil Service Record*, March, 1887; vi. 71.

5. A brief list of general readings in the history of the United States. *Academy* (Syracuse), May, 1887; ii. 158–160.

6. The biography of a river and harbor bill: paper read before the American Historical Association and the American Economic Association, 24 May, 1887. *Mag. Am. Hist.* July, 1887; xviii. 52–64.

7. History in high and preparatory schools. — i. How history is taught. *Academy* (Syracuse), Sept. 1887; ii. 256–265.

Adams Sherman Hill.

Boylston Professor of Rhetoric and Oratory, 1876——.

1. English in our colleges. *Scribner's Mag.* 7 April, 1887; i. 507–512.

2. English in newspapers and novels. *Ibid.* Sept. 1887; ii. 371–377.

Henry Barker Hill.

Professor of Chemistry, 1884——.

1. Chlorbrenzschleimsäuren. With L. L. Jackson. *Ber. d. deutsch. chem. Gesellsch.* Feb. 1887; xx. 252.

2. On the behaviour of sound and decayed wood at high temperatures. With A. M. Comey. *Proc. Am. Acad.* xxii. 482–487.

i. On the minimum point of ignition of decayed wood. H. B. Hill. ii. On the decomposition of wood at high temperatures. H. B. Hill and A. M. Comey. These experiments were made in the interest of the Calumet and Hecla Mining Co., and on portions of timber from that mine.

3. On mucoxybromic and mucoxychloric acids. With A. W. Palmer. *Ibid.* xxii. 315–341. Also *Am. Chem. Journ.* June, 1887; ix. 147–174.

The latter two articles belong to the series: *Contributions from the Chemical laboratory of Harvard College.*

William Barker Hills.

Assistant Professor of Chemistry, 1884——.

1–6. In *Reference Hand-book of the Medical Sciences.* Ed. A. H. Buck, M.D. New York. Wood. 1887. — 1. Poisoning by iron. Vol. iv. 230. — 2. Poisoning by lead. Vol. iv. 462–466. — 3. Poisoning by manganese. Vol. iv. 639, 640. — 4. Poisoning by mercury. Vol. iv. 744–747. — 5. Poisoning by perosmic acid. Vol. v. 611. — 6. Poisoning by phosphorus. Vol. v. 642–647.

7. Report on medical chemistry. *Boston Med. and Surg. Journ.* 7, 14 April, 1887; cxvi. 327, 354.

Oliver Wendell Holmes.

Professor of Anatomy, Emeritus, 1882——.

1. Poem read at the 250th anniversary of the founding of Harvard College, Nov. 8, 1886. *Record of the Commemoration.* Cambridge. 1887. pp. 237–249. Also *Atlantic Monthly*, Dec. 1886 (supplement).

2. Hymn sung by the congregation at the services in commemoration of the 200th anniversary of King's Chapel, 15 Dec. 1886. *Commemoration by King's Chapel*, etc. Boston. 1887. p. 60.
3. Poem for the Centennial of the signing of the Constitution. *Boston Advertiser*, 20 Sept. 1887.
4. Poem for the dedication of the fountain given to Stratford-on-Avon by Mr. George H. Childs.
5. Our hundred days in Europe. Boston. Houghton. 1887. 8°.

Originally published in the *Atlantic Monthly*, 1887, beginning in the number for March.

6. After "Our hundred days." *Atlantic Mo.* Jan. 1888; lxi. 127–130.

Inserted on account of its close connection with the preceding though not falling within the period covered by this list.

John Homans.

Clinical Instructor in the Diagnosis and Treatment of Ovarian Tumors, 1881——.

1. Three hundred and eighty-four laparotomies for various diseases, with tables showing the results of the operations and the subsequent history of the patients. A résumé of the writer's experience in abdominal surgery during the last fifteen years. Boston. 1887. 8°. pp. 56, *folding tables* 26.
2. Fibro-myoma of the uterus. *Boston Med. and Surg. Journ.* 25 Nov. 1886; cxv. 501.
3. A simple and ready method of inflating the intestine. *Ibid.* pp. 510.
4. A case of contracted fingers (Dupuytren's contraction) successfully operated upon after the method of Mr. Adams (*illustrated*). *Ibid.* 24 Feb. 1887; cxvi. 177–179.

Malverd Abijah Howe.

Instructor in Surveying and Drawing, 1886–1887

1. The Sabula draw by graphics. A practical illustration of the application of graphics and comparison with analytical methods. *American Engineer*. Chicago. 1886. 8°. pp. 35, *plates* 9.

James Ellis Humphrey.

Assistant in Botany, 1886–1887.

1. On the anatomy and development of Agarum Turneri, Post. and Rupr. [Contribution from the Cryptogamic laboratory of Harvard College.] *Proc. Am. Acad.* xxii. 195–204, *plates* 2.

Oliver Whipple Huntington.

Instructor in Mineralogy and Chemistry, 1886——.

1. Catalogue of all recorded meteorites. With a description of the specimens in the Harvard College collection, including the cabinet of the late J. Lawrence Smith. *Proc. Am. Acad.* xxiii. 37.
2. The Coahuila meteorites. *Am. Journ. Sci.* Feb. 1887; 3d series, xxxiii. 115–118, *plate* 1.

Alpheus Hyatt.

Assistant in Palaeontology at the Museum of Comparative Zoölogy, 1886——.

1. Primitive forms of cephalopods. *Am. Naturalist*, Jan. 1887; xxi. 64–66.

Abstract of a paper read before the National Academy of Sciences, at Boston, 1886.

Charles Loring Jackson.

Professor of Chemistry, 1881——.

1. Ueber die Einwirkung des Fluorsiliciums auf organische Basen. With A. M. Comey. *Ber. d. deutsch. chem. Gesellsch.* 1886; p. 3194.

2–7. In *Proc. Am. Acad.*: — 2. On the direct conversion of aromatic sulphonates into the corresponding amido-compounds. With J. F. Wing. xxii. 245–248. — 3. On benzyldimethylamine. With J. F. Wing. xxii. 249. — 4. A new method for the quantitative determination of hydroxyl. With G. W. Rolfe. xxii. 253. — 5. On benzoltrisulphonic acid. With J. F. Wing. xxii. 348–371. — 6. On the action of nitric acid on symmetrical trichlorbenzol. With J. F. Wing. xxii. 372–379. — 7. The action of fluoride of silicon on organic bases [see no. 1]. With A. M. Comey. xxiii. 20.

Nos. 2–7 belong to the series: *Contributions from the Chemical laboratory of Harvard College*. Nos. 2–6 were also printed in the *Am. Chem. Journ.*: 2. Apr. 1887; ix. 76. — 3. Ibid. 78. — 4. Ibid. 82. — 5. Sept. 1887; ix. 325. — 6. Ibid. 348.

William James.

Professor of Philosophy, 1885——.

1. The foundations of ethics. By John Edward Maude, M.A. [H. U. 1881.] Edited by Wm. James. New York. Holt. 1887. 12°. pp. 220.
2. [Review of Gurney's] Phantasms of the living. *Science*, 7 Jan. 1887; ix. 18–20.
3. The perception of space. *Mind*, Jan., April, July, 1887; xii. 1, 183, 321.
4. The laws of habit. *Pop. Sci. Mo.* Feb. 1887; xxx. 433–451.
5. What is an instinct? *Scribner's Mag.* March, 1887; i. 355–365.
6. A suggestion for the prevention of sea-sickness. *Boston Med. and Surg. Journ.* 19 May, 1887; cxv. 490.
7. Some human instincts. *Pop. Sci. Mo.* June, Sept. 1887; xxxi. 160–170, 666–681.
8. The perception of time. *Journ. Specul. Philos.* Oct. 1886 (publ. Aug. 1887); xx. 374–407.

James Richard Jewett.

Instructor in the Semitic Languages, 1887——.

1. Some Arabic proverbs. [Collected in Syria.] *Proc. Am. Orient. Soc.* Oct. 1886; pp. vii.–x.

Edward Napoleon Kirby.

Instructor in Elocution, 1886——.

1. Vocal and action-language, culture and expression. [2d edition.] Boston, etc. Lee & Shepard. 1887. 16°. pp. 235.

First edition, 1885.

Frederick Irving Knight.

Assistant Professor of Laryngology, 1882——.

1. Sensory affections of the throat. *New York Med. Journ.* 27 Aug. 1887; xlvi. 241.
2. Is tuberculosis of the lungs ever contagious? *Boston Med. and Surg. Journ.* 28 July, 1887; cxvii. 79–81.

Rudolfo Lanciani.

Lecturer on Roman Archaeology, 1886–1887.

1. On the hygienic laws and sanitary conditions of ancient Rome. *Boston Med. and Surg. Journ.* 9, 16 Dec. 1886; cxv. 537–541, 565–567.

One of the course of lectures delivered at Sanders Theatre in Cambridge, and also at the Lowell Institute in Boston; the others were published only in newspaper reports.

William Coolidge Lane.

Assistant in charge of the Catalogues at the Library, 1881——.

1. Index to recent reference lists, 1885–1886. *Harv. Univ. Bull.* Jan. 1887; iv. 380–386. Separately as *Bibliographical contribution* no. 24.
2. The Dante collections of the Harvard College and Boston Public Libraries. Continued. *Harv. Univ. Bull.* Oct. 1886, Jan., May, 1887; iv. 335, 374, 429.
3. Dante bibliography for the year 1886. *Sixth Ann. Rept. Dante Society*, pp. 19–30.
4. Edited the Harvard University Catalogue. 1886–1887. Cambridge. 1886.
5. Edited the Directory of the officers and students of Harvard University. Oct. 1886. Cambridge. 1886.

Christopher Columbus Langdell.

Dane Professor of Law, and Dean of the Law Faculty, 1870——.

1. A brief survey of equity jurisdiction. *Harv. Law Rev.* May, Oct. 1887; i. 55–72, 111–131.

Charles Rockwell Lanman.

Professor of Sanskrit, 1880——.

1-2. Edited, as Corresponding Secretary: *Proceedings* of the American Oriental Society, 1. at New Haven, Oct. 1886; — 2. at Boston, May, 1887; 2 vols. New Haven, Conn. 1887. 8°. pp. xxviii., liii.

Identical with *Journal* of the Society, vol. xiii. pp. cxxiii.–ccili.

James Laurence Laughlin.

Assistant Professor of Political Economy, 1883——.

1. The elements of political economy; with some applications to questions of the day. [Appleton's Science Text-Books.] New York. Appleton. 1887. 12°. pp. xxiv. 363. *Diagrams, charts* 9.
2. Extracts from the laws of the United States relating to American shipping. Cambridge. Wheeler. 1886. 8°. pp. 33.
3. Marshall's theory of value and distribution. *Quart. Journ. Econ.* Jan. 1887; i. 227–232.
4. Gold and prices since 1873. *Ibid.* April, 1887; i. 319–355, 385. *See also* Reply to A. Marshall, p. 362.

Also printed separately. Boston. Ellis. 1887. 8°. pp. 39, xvii.

Daniel David Lee.

Instructor in Anatomy and in Operative Surgery at the School of Veterinary Medicine, 1886——.

1. Invagination of the caecum in the great colon. *Veterinarian* (London, Eng.), Oct. 1886; p. 695.
2. Umbilical and ventral entero-epiplocele, with a report of three cases successfully treated. *Ibid.* Feb. 1887; p. 78. Also *Journ. Comp. Med. and Surg.* April, 1887; p. 161.
3. Dislocation of the eye-ball in dogs. *Ibid.* July, 1887; p. 246.

Joseph Lovering.

Hollis Professor of Mathematics and Natural Philosophy, 1838——; *Director of the Jefferson Physical Laboratory*, 1884——.

1. Report for 1885–86 as Director of the Jefferson Physical Laboratory. *Annual Report of the President and Treasurer*, 1885–86. Cambridge. 1887. pp. 128–133.
2. Address at the presentation of the Rumford medals to Professor S. P. Langley. *Proc. Am. Acad.* 1887; xxii. 508–514.

James Russell Lowell.

Smith Professor of the French and Spanish Languages and Literatures and Professor of Belles-Lettres, 1855–1886; *Emeritus*, 1886——.

1. Democracy and other addresses. Boston, etc. 1887. 16°.

Contents: Democracy, Garfield, Stanley, Fielding, Coleridge, Books and libraries, Wordsworth, Don Quixote, Harvard Anniversary oration.

2. Oration delivered in Sanders Theatre at the commemoration of the 250th anniversary of the founding of Harvard College, Nov. 8, 1886. *Record of the Commemoration.* Cambridge. 1887. pp. 194–236.

Also contained in: *Democracy and other addresses*, pp. 190–245. — *Atlantic Monthly* (supplement), Dec. 1886. — *Critic*, 13, 20 Nov. 1886; ix. 239, 253. — *Boston daily Advertiser*, 9 Nov. 1886.

3. Credidimus Jovem regnare. *Atlantic Mo.* Feb. 1887; lix. 246–251.

4. Fancy or fact. *Ibid.* March, 1887; lix. 287.
5. Address at the fiftieth anniversary of the ordination of C. A. Bartol, at the West Church, Boston. *Christian Register*, 10 March, 1887.
6. The series of lectures upon old English dramatists, delivered by Professor Lowell at the Lowell Institute in the spring of 1887, has not been published except in the reports of the daily papers.

David Gordon Lyon.

Hollis Professor of Divinity, 1882——.

1. Prayers at Harvard. *Independent*, 4 Nov. 1886.
2. Harvard's quarter-millennial. *Ibid.* 18 Nov. 1886.
3. Israelitish politics as affected by Assyrian, Babylonian, and early Achaemenian kings. *Old Test. Student*, June, 1887; vi. 293–302. *Also* reprinted separately. New Haven. 1887. pp. 12.
4. Notice of Delitzsch's "Assyrisches Wörterbuch, erste Lieferung." *Proc. Am. Orient. Soc.* May, 1887; pp. xi.–xviii.

Silas Marcus Macvane.

Professor of History, 1886——.

1. General over-production; a reply to U. H. Crocker. *Quarterly Journ. Econ.* April, 1887; i. 565.
2. Analysis of the cost of production. *Ibid.* July, 1887; i. 481–487.

Alexander McKenzie.

Preacher to the University, 1886——.

1. Some things abroad. Boston. Lothrop. 1887. 12°. pp. 474.
2. Two sermons — The College and the Church. Cambridge. 1887.
3. Faith and mountains. Sermon preached in Appleton Chapel. *Christian Union*, 13 Feb. 1887.

4, 5. Sermons preached at vesper services in Appleton Chapel. *Christian Register*, 1887.

4. Semblance and reality. 17 Feb. — 5. My Father's business. 31 March.

Edward Laurens Mark.

Hersey Professor of Anatomy, 1885——.

1. Simple eyes in Arthropods. *Bull. Mus. Comp. Zoöl.* Feb. 1887; xiii. no. 3, pp. 49–105, *plates* 5.

Horatio Cook Merriam.

Clinical Instructor in the Dental School, 1884——.

1. New forms of artificial crowns. *Dental Cosmos*, Aug. 1886; xxviii. 493.

Read before the New York Odontological Society, May 11, 1886.

2. Gutta-percha and its uses in operative dentistry. *Ibid.* Jan. 1887; xxix. 44.

Read before the First District Dental Society of the State of New York, Oct. 5, 1886.

Charles Sedgwick Minot.

Instructor in Histology and Embryology, 1883–1887; *Assistant Professor of Histology and Embryology*, 1887——.

1. Zur Kenntniss der Insektenhaut. *Arch. f. mikroskop. Anat.*; xxviii. 37–48, *Taf.* vii.
2. [Review of W. C. Locy's] Embryologie der Spinnen. *Biolog. Centralbl.* vi. 559–562.
3. Bemerkungen zu dem Schroeder'schen Uteruswerke. *Anat. Anzeig.* ii. 19–22.
4. American Society for Psychical Research. *Science*, 21 Jan. 1887; ix. 50, 51.
5. Report on histology and embryology. *Boston Med. and Surg. Journ.* 2 June, cxvi. 520–523.
6–14. The following articles in *Reference Handbook of the Medical Sciences.* Ed. A. H. Buck, M.D. New York. Wood. 1887. Vol. iv.: Impregnation; Longevity; Meconium; Mesoderm. Vol. v.: Notochord; Ovum; Neurentic Canals; Placenta, Anatomy of.

Francis Minot.

Hersey Professor of the Theory and Practice of Medicine, 1874——.

1. Extensive phlebitis and pelvic abscess following abortion. *Boston Med. and Surg. Journ.* 23 Sept. 1886; cxv. 279.
2. The effect of alcoholic beverages upon the health. *Christian Register*, 14 Oct. 1886; lxv. 647.

Read before the National Conference of Unitarian and other churches at Saratoga, N. Y., 23 Sept. 1886.

3. Poisoning by carbolic acid. *Boston Med. and Surg. Journ.* 17 March, 1887; cxvi. 260.
4. Observations on the use of antipyrine and thallin in the treatment of typhoid fever. *Ibid.* 23 June, 1887; cxvi. 600–603.

George Howard Monks.

Instructor in Surgical Pathology, 1886——.

1. A case of unusual deformity of both hip joints. *Boston Med. and Surg. Journ.* 18 Nov. 1886; cxv. 468–470, *cuts.*
2. On rupture of the tendon of the long head of the biceps brachii muscle. *Ibid.* 25 Nov. 1886; cxv. 496–498.

Otis Kimball Newell.

Assistant in Anatomy, 1884——.

1. Some observations on the anatomy of the male urethra in relation to endoscopy, litholopaxy and catheterization. *Boston Med. and Surg. Journ.* 11 Nov. 1886; cxv. 443–446, *cuts.*
2. Intestinal suture. *Ibid.* 6 Jan. 1887; cxvi. 1–7, *illustr.*

Charles Eliot Norton.

Professor of the History of Art, 1875——.

1. Reminiscences of Thomas Carlyle, edited by C. E. Norton. 2 vols. London and New York. Macmillan. 1887. 8°.
2. Correspondence between Goethe and Carlyle, edited by C. E. Norton. London and New York. Macmillan. 1887. 8°. pp. xix. 362.

George Herbert Palmer.

Professor of Philosophy, 1883——.

1. The new education. Three papers. Boston. Little, Brown & Co. 1887. 12°. pp. vii., 154.

This volume contains the following papers originally published in the *Andover Review:* The new education, Nov. 1885; Possible limitations of the elective system, i., Dec. 1886; Possible limitations of the elective system, ii., Jan. 1887.

2. Expenses at Harvard. An address before Harvard graduates, Commencement day, 1887. Cambridge. Wilson. 1887. 8°. pp. 22.

This pamphlet contains in an appendix extracts from some of the letters from recent graduates upon which the conclusions stated in the address were based.

Andrew Preston Peabody.

Preacher to the University, and Plummer Professor of Christian Morals, Emeritus, 1881——.

1. Moral philosophy: a series of lectures. Boston. Lee & Shepard. 1887. 12°. pp. v. 332.
2. Circular relating to the religious services at Harvard College. Dated 19 March, 1887, pp. (2).
3. Sermon at the Harvard Church, Charlestown, on the seventieth anniversary of the ordination of the first minister of the church, April 3, 1887.
4. Building a character. Boston. Earle. 1887. 24°. pp. 50.
5. Address at the commemoration of the 200th anniversary of King's Chapel, Boston, 15 Dec. 1886. *The Commemoration by King's Chapel*, etc. Boston. 1887. pp. 134–138. Also *Christian Register*, 23 Dec. 1886; p. 813.
6. The Sunday school and the church. *Unit. Rev.* Nov. 1886; xxvi. 398–414.
7. Manasseh Cutler. *New Englander*, April, 1887; xlvi. 319–337.
8. Books that have helped me. *Forum*, July, 1887; iii. 465.
9. Concerning Crispus Attucks. *Atlantic Monthly*, Sept. 1887; lx. 419.
10. Reminiscences of John Lord Hayes. *Bull. Nat'l. Assoc. Wool Manufacturers*, xvii. 2, 94–97.

Francis Greenwood Peabody.

Plummer Professor of Christian Morals, 1886——.

1. A sermon preached in Appleton Chapel, at the Commemoration of the 250th anniversary of Harvard College, on Foundation day, 7 Nov. 1886. *Record of the Commemoration.* Cambridge. 1887. pp. 149–170, Also in the *Christian Register*, 18 Nov. 1886; p. 728.
2. Address at the Commemoration of the 200th anniversary of King's Chapel, Boston, 15 Dec. 1886. *The Commemoration by King's Chapel*, etc. Boston. 1887. pp. 138–142. Also in the *Christian Register*, 23 Dec. 1886.
3. Religion in a university. [Harvard University Sermons. No. i.] *Christian Union*, 21 Oct. 1886.

4–6. Sermons preached at the vesper services in Appleton Chapel. *Christian Register*, 1887.

4. The soil and the seed. 27 Jan. 1887.—5. Opening the door. 3 March.—6. Jesus in Ephraim. 7 April.

7. Discipline. Baccalaureate sermon, 18 June, 1887. *Class of* 1887. *Baccalaureate sermon*, etc. Cambridge. 1887. pp. 3–12.

Benjamin Osgood Peirce.

Assistant Professor of Mathematics and Physics, 1884——.

1. Elements of the theory of the Newtonian potential function. Boston. Ginn. 1886. sm. 8°. pp. 143.

Edward Charles Pickering.

Phillips Professor of Astronomy and Professor of Geodesy and Director of the Observatory, 1876——.

1. Edited Annals of the Astronomical Observatory of Harvard College. Vol. xvii., xviii. nos. 1, 2.

xvii. contains Mr. Chandler's treatise on the almucantar. See Official Publications, p. 6.
xviii. is to consist of comparatively short separate articles. The two numbers which have appeared are on the magnitudes of almanac stars, and a discussion of the Uranometria Oxoniensis.

2. Forty-first annual report of the Director of the Astronomical Observatory. Cambridge. 1887. pp. 12.
3. Boyden Fund. [Circular explaining object of the fund.]
4. Boyden Fund. Circular No. 2. Meteorological observations.
5. Henry Draper Memorial. First annual report of the photographic study of stellar spectra conducted at the Harvard College Observatory. Cambridge. 1887. 4°. pp. 10, *plate* 1.

Reprinted in the *Memorie della Società degli Spettroscopisti Italiani*, xvi. 93; also in *Nature*, xxxvi. 31; and also in the *Journal of the Franklin Institute*, July, 1887; cxxiv. 33–42.

6. Draper Memorial photographs of stellar spectra. *Nature*, xxxiv. 439.
7. Photographs of stellar spectra. *Ibid.* xxxiv. 570.
8. Letter containing recommendations with regard to the proposed photographic chart of the sky, translated into French and printed by Admiral Mouchez in the work entitled *Congrès Astrophotographique International tenu à l'Observatoire de Paris pour le levé de la carte du ciel.* Paris. 1887. p. 93.
9. Observations of Sappho (80). *Astronomische Nachrichten*, cxvi. 373.
10. Magnitudes of circumpolar stars determined at the Observatories of Moscow and of Harvard College. *Ibid.* cxvii. 139.

11. Proposed index to observations of variable stars. *Ibid.* cxvii. 167. Also *Observatory* x. 301, and *Monthly Notices of the R. Astron. Society*, xlvii. 443.

12. Heights of the White Mountains. *Appalachia*, iv. 305–322.

Also separately.

13. Observations of variable stars in 1886. *Proc. Am. Acad.* xxii. 380–395, *tables*.

14. Science and the doctrine of immortality. *Science and immortality*. Boston. 1887. 24°. pp. 91.

These papers originally appeared in the *Christian Register*

William Henry Pickering.

Assistant in the Observatory, 1887——.

1. Total solar eclipse of 1886. *Science*, 1 July, 1887; x. 9.

Abner Post.

1–7. In *Reference Handbook of the Medical Sciences*. Ed. A. H. Buck, M.D. New York. Wood. 1887: Micturition, modifications of the act in disease; Paraphimosis; Penis, congenital malformations, injuries, new growths; Phimosis; Priapism.

8. Deaths from gonorrhoea. *Boston Med. and Surg. Journ.* 5 May, 1887; cxvi. 417–420.

9. Dr. Post has also contributed various editorials, unsigned, to the *Boston Med. and Surg. Journ.*

Henry Preble.

Tutor in Greek and Latin, 1881 1887; *Assistant Professor of Greek and Latin*, 1887——.

1. P. Terenti Afri Adelphoe. Text with stage directions. Ed. H. Preble. Boston. Ginn. 1887. 8°.

Frederick Ward Putnam.

Curator of the Peabody Museum of American Archaeology and Ethnology, 1874——; *Peabody Professor of American Archaeology and Ethnology*, 1886——.

1. Ancient mounds. Continuation of archaeological explorations in the Little Miami valley, Ohio. *Boston Sunday Herald*, 24 Oct. 1886.

2. Conventionalism in ancient American art. *Bull. Essex Inst.* 1886; xviii. 155–167, *plates 7*. *Also* separately printed.

3. The Serpent mound. *Boston Sunday Herald*, 21 Nov. 1886.

4. The altar mounds in Ohio. Second letter. *Ibid.* 28 Nov. 1886.

5. The Serpent mound. *Evening Post* (Cincinnati, O.), 4 June, 1887. Reprinted in the *Ohio Archaeol. and Hist. Quarterly*. Sept. 1887; i. 187–190.

6. The way bone fish-hooks were made in the Little Miami valley. *Twentieth Ann. Rept. Peabody Mus.*, iii. no. 7. pp. 581–586. *Also* separately printed.

7. Twentieth annual report of the Trustees of the Peabody Museum of American Archaeology and Ethnology, presented to the President and Fellows of Harvard College, April, 1887. Vol. iii. no. 7. pp. 513–586. *Illustr.*

8. Notice of Capt. N. E. Atwood of Provincetown, Mass. *Proc. Boston Soc. Nat. Hist.* 1887; xxiii. 337, 338.

9. Edited the Proceedings of the American Association for the Advancement of Science, xxxv. (1886.) 1887.

10. Twenty-first annual report of the Commissioners on Inland Fisheries for 1886. (Conjointly with other commissioners.) Boston. 1887. *Mass. Pub. Doc.* 1886; no. 25.

James Jackson Putnam.

Instructor in Diseases of the Nervous System, 1885——.

1. On the frequency with which lead is found in the urine, and on certain points in the symptomotology of chronic lead poisoning. *Boston Med. and Surg. Journ.* 28 July, 4 Aug. 1887; cxvii. 73–76, 97–99. Also *Trans. Assoc. Am. Physicians*, 1887.

2, 3. Articles: Neuralgia, Neurasthenia. *Reference Handbook of Medical Sciences*. Ed. A. H. Buck. New York. Wood. 1887.

Edward Reynolds.

Assistant in Obstetrics, 1886——.

1. Treatment of asphyxia of the new-born. *Medical Record*, 25 Sept. 1886; xxx. 346.

2. A case of difficult labor. *Boston Med. and Surg. Journ.* 7 April, 1887; cxvi. 329, 331.

3. A contribution to the mechanism of descent and flexion in vertex presentations. *Am. Journ. Obstr.* April, 1887; xx. 369.

4. A case of placenta praevia. *Boston Med. and Surg. Journ.* 9 June, 1887; cxvi. 551.

5. A case of brow presentation converted into a face. High forceps. *Ibid.* 4 Aug. 1887; cxvii. 102.

Maurice Howe Richardson.

Demonstrator of Anatomy and Assistant in Surgery, 1884–1887; *Assistant Professor of Anatomy*, 1887——.

1. Operations on nerves. *Boston Med. and Surg. Journ.* 21 Oct. 1886; cxv. 368–373.

Devotes two and a half columns to the Literature of nerve suture, neurotomy and neurectomy.

2. A case of gastrotomy. Digital exploration of oesophagus, and removal of plate of teeth. Recovery. Remarks upon the operation and observations upon the anatomy of the oesophagus. *Ibid.* 16 Dec. 1886; cxv. 567–573, 579. *Illustr.* See also *ibid.* 14 Apr. 1887; cxvi. 358.

With a list of recorded cases of gastrotomy for removal of foreign bodies from the stomach.

3. Multilocular ovarian cyst. *Ibid.* 14 Apr. 1887; cxvi. 359.

4. A series of intra-abdominal operations. *Ibid.* 8 Sept. 1887; cxvii. 225–228.

William Lambert Richardson.

Professor of Obstetrics, 1886——.

1. Addresses on the duties and conduct of nurses in private nursing. London. Fields & Tuer. 1887.

This is a republication of the lecture delivered at the Boston Training School for Nurses, June 18, 1886, and quoted in last year's List of publications.

2. The use of antiseptics in obstetric practice. Boston. Cupples. 1887. 16°. pp. 16, *folding plates*.

Reprinted from the *Boston Medical and Surgical Journal* of 27 Jan. 1887; cxvi. 73–79.

John Ritchie, Jr.

Assistant in the Observatory in charge of the Distribution of Astronomical Information, 1883——.

1. Check list of genus Clausilia. *Random Notes*, Oct. 1886; p. 80.

2–11. Edited and published the *Science Observer*, nos. 50, 51, and title and index to vol. iv. Boston. 8°.

Author of the following articles: 3. Discovery of and position of comet *c*, 1886, Brooks, no. 50, p. 9. — 4. Discovery of comet Finlay, p. 10. — 5. Discovery of asteroid Palisa (260), p. 11. — 6. Discovery of and positions of comet Barnard, 1886, p. 12. — 7. Discovery of asteroids Peters (261) (264) and asteroids Palisa (262) (263), p. 13. — 8. Discovery of comet *a*, 1887, Thome, *b*, Brooks, and *c*, Barnard, p. 14. — 9. Discovery of comet *d*, 1887, Barnard, p. 17. — 10. Discovery of asteroid Palisa (266), p. 20. — 11. Discovery of asteroid Charlois (267) and Borrelly (268), p. 24.

12. Composed, edited and published *Science Observer special circulars*, nos. 71–79. Boston. 8°.

Contents: 1886. 71. Discovery of comet Finlay, elements and ephemeris of same (Lewis Boss), discovery of asteroid Palisa (260). 4 Oct. — 72. Elements and ephemeris of comet Barnard (Lewis Boss), ephemeris of comet Finlay (same). 12 Oct.

1887. 73. Discovery of comets *a*, Thome, *b*, Brooks, and *c*, Barnard. 26 Jan. — 74. Ephemeris of comet *a* (S. C. Chandler, Jr.), elements and ephemeris of comet *b* (Lewis Boss). 31 Jan. — 75. Elements and ephemeris of comet *b* (Lewis Boss), of comet *c* (H. V. Egbert). 1 Feb. — 76. Discovery, elements and ephemeris of comet *d*, Barnard (Lewis Boss). 21 Feb. — 77. Discovery, elements and ephemeris of comet *e*, Barnard (Lewis Boss). 18 May. — 78. Discovery of asteroid Palisa (266). 19 May. — 79. Discovery, elements and ephemeris of comet *f*, Brooks (H. V. Egbert). 2 Sept.

These circulars are printed in the next succeeding *Science Observer* as a matter of record.

13. Science Observer international circulars, nos. 17–24. Berlin, Germany. 8°.

These contain orbits of comets computed in this country and cabled abroad. They are an edition in German of those *Science Observer* circulars which contain early orbits.

Contents: 1886. 17. Orbit of comet Finlay (Lewis Boss). 4 Oct. — 18. Orbit of comet Barnard (Lewis Boss). 12 Oct.

1887. 19. Orbit of comet *b* (Lewis Boss). 31 Jan. — 20. Orbit of comet *c* (H. V. Egbert). 1 Feb. — 21. Orbit of comet *b* (Lewis Boss). 1 Feb. — 22. Orbit of comet *d* (Lewis Boss). 21 Feb. — 23. Orbit of comet *e* (Lewis Boss). 18 May. — 24. Orbit of comet *f* (H. V. Egbert). 2 Sept.

William Augustus Rogers.

Assistant Professor of Astronomy, 1877–1886.

1. A catalogue of 130 polar stars for the epoch of 1875.0, resulting from all the available observations made between 1860 and 1885, and reduced to the system of the catalogue of Publications xiv. of the *Astronomische Gesellschaft*. By William A. Rogers and Anna Winlock. *Mem. Am. Acad.* xi. [Centennial volume]; part iv. no. v. Cambridge. Wilson. 1886. 4°. pp. 227–299.

Thomas Morgan Rotch.

Instructor in Diseases of Children, 1885——.

1. Reflex aural symptoms without aural disease. Aural disease exciting reflex symptoms. *Am. Journ. Med. Sci.* Oct. 1886.

2, 3. Semi-annual reports on progress made in the study of diseases of children. *Boston Med. and Surg. Journ.* 18 Nov. 1886; 19 May, 1887; cxv. 471–474; cxvi. 471–474.

4. The artificial feeding of infants. *Archives of Pediatrics*, Aug. 1887; p. 458.

Josiah Royce.

Assistant Professor of Philosophy, 1885——.

1. The feud of Oakfield Creek. A novel of California life. Boston. 1887. 8°. pp. 483.

2. Tennyson and pessimism. *Harvard Monthly*, Jan. 1887; iii. 127–137.

Charles Sprague Sargent.

Arnold Professor of Arboriculture, 1879——; *Director of the Arnold Arboretum*, 1872——.

1. Geographical distribution of the genus Magnolia in the United States; with map. *Drugs and Medicines of North America.* By J. A. Lloyd. Vol. ii. no. 2; p. 37. (Sept. 1886.)

2. Tsuga Caroliniana. *Gardener's Chronicle* (London), n. s. xxvi. 780, with figure.

3. Some remarks upon the journey of André Michaux to the high mountains of Carolina in December, 1788, in a letter addressed to Professor Asa Gray. *Am. Journ. Sci.* Dec. 1886; 3d ser. xxxii. 466–473.

4. Annual report of the Director of the Arnold Arboretum to the President and Fellows of Harvard College. 1885–86. Printed in *President's Report* and also issued separately. pp. 3.

Dudley Allen Sargent.

Assistant Professor of Physical Training, and Director of the Hemenway Gymnasium, 1879——.

1. The physical proportions of the typical man. *Scribner's Mag.* July, 1887; ii. 3–17, *illustr.*

Arthur Searle.

Assistant Professor of Astronomy, 1883——.

1. The luminous bands visible in and near the zodiac. *Astronomische Nachrichten*, 1887; cxvi. 323.

Arthur Bliss Seymour.

Assistant in the Cryptogamic Herbarium, 1886–1887.

1. Orchard rusts. Indianapolis. 1886. pp. 8. *Illustr.*

From vol. iv. *American Horticultural Report*, pp. 152–160.

Nathaniel Southgate Shaler.

Professor of Palaeontology, 1869——.

1. A first book in geology. Designed for the use of beginners. [Revised edition.] Boston. Ginn. 1887.
2. Kentucky; a pioneer commonwealth. 3d ed. Boston, etc. Houghton. 1887. 16°.
3. Physiography of North America. Part i. Physiography. Part ii. Effects of the physiography of North America on men of European origin. *Narrative and Critical History of America.* Ed. Justin Winsor. Boston. [1887.] iv. pp. i.–xxx.
4. Notes on the Taxodium distichium, or bald cypress. *Mem. Mus. Comp. Zoöl.* xvi. no. 1. (June, 1887.) 4°. pp. 16.
5. On the original connection of the eastern and western coal fields of the Ohio valley. *Ibid.* xvi. no. 2. (June, 1887.) 4°. pp. 12.
6. Preliminary report on the coal swamps of the eastern United States. *6th Ann. Rept. Director [J. W. Powell] U. S. Geological Survey.* Washington. 1886. pp. 383–389.
7. Administrative report to the Director of the United States Geological Survey. *Ibid.*
8. One of the needs of American universities. *Harvard Monthly*, Feb. 1887; iii. 169–175.
9. Fluviatile swamps of New England. *Am. Jour. Sci.* March, 1887; 3d ser. xxxiii. 210–221, *diagr.*
10. The stability of the earth. *Scribner's Mag.* March, 1887; i. 260–267, *illustr.*
11. The earthquake in the Riviera. *Epoch*, 4 March, 1887; i. 84.
12. The forests of North America. *Scribner's Mag.* April, 1887; i. 561–567, *illustr.*
13. Field geology. *Pop. Sci. News.* (Boston.) May—Aug. 1887; xxi.

Contents: i. Introductory. May; p. 64. — ii. Glacial phenomena. June; p. 80. — iii. Structure and attitude of the bed rocks. July; p. 94. — iv. Organic history of the rocks; the study of fossils. Aug.; p. 109.

14. The supply of natural gas. *Forum*, May, 1887; iii. 305.
15. The instability of the atmosphere. *Scribner's Mag.* Aug. 1887; ii. 197–221.
16. Some notes and reviews in the New York *Nation.*

Frederick Cheever Shattuck.

Instructor in the Theory and Practice of Physic, 1884——.

1. Editorial notes. *A text book of medicine.* By Dr. A. Strümpell. Translated by H. F. Vickery, M.D. [H. C. 1878.], and P. C. Knapp, M.D. [H. C. 1878]. New York. Appleton. 1887. 8°.
2. Pleurisy. *Reference Handbook of the Medical Sciences.* Ed. A. H. Buck, M.D. New York. Wood. Vol. v. 1886. p. 717.

3–8. In the *Boston Med. and Surg. Journ.*: — 3. A case of malignant endocarditis. 16 Dec. 1886; cxv. 574. — 4. Subsequent history of a patient with an abdominal tumor diagnosticated as floating spleen in 1877. 24 Mar. 1887; cxvi. 273, 274. — 5. Beri-beri. A brief account of outbreaks in this country and of some recent cases not hitherto reported. 14 Apr. 1887; cxvi. 355, 356. — 6. Overdistension of the right ventricle with a report of six cases treated by leeches. 28 Apr. 1887; cxvi. 395–398. — 7. Four hospital cases: i. Tubercular peritonitis: sloughing of the umbilicus and fistula; ii. Cirrhosis of the liver, ascites absent until a few days before death; iii. Haemophilia; iv. Tetany. 26 May, 1887; cxvi. 496–498. — 8. Reports on progress in thoracic disease. 3 March, 22 Sept. 1887; cxvi. 203–206, cxvii. 278–282.

9–11. In the *Phila. Med. News*: — 9. Note on the treatment of acute rheumatism in the Mass. General Hospital. 18 Dec. 1886; xlix. 685. — 10. Note on the treatment of pneumonia in the Mass. General Hospital. 19 March, 1887; l. — 11. Six cases of phthisis and one of chronic bronchitis and asthma treated by rectal gaseous enemata. 2 July, 1887; li. 7. *Also* in *Trans. Assoc. Am. Physicians*, 1887; ii.

Daniel Denison Slade.

Lecturer on Comparative Osteology, 1885——.

1. Osteological notes. *Science*, 18 Feb., 13 May, 1887; ix. 160, 460.

Clement Lawrence Smith.

Professor of Latin, 1883——; *Dean of the College Faculty*, 1882——.

1. Annual report of the Dean of Harvard College for 1885–86. *President's Report* for 1885–86. pp. 25–74.
2. Address in behalf of the Alumni, at the inauguration of Isaac Sharpless as President of Haverford College, 19 May, 1887. *Inauguration of President Isaac Sharpless.* Philadelphia. 1887. pp. 6–11.

Francis Humphreys Storer.

Professor of Agricultural Chemistry, 1870——; *Dean of the Bussey Institution.*

1. Agriculture in some of its relations with chemistry. 2 vols. New York (Scribner's) and London. 1887. 8°. pp. x. 529, vii. 507.
2. Obituary notice of William Ripley Nichols. *Proc. Am. Acad.* 9 Feb. 1887; xxii. 528–534.

With a list of works by Professor Nichols.

3. A hint for fruit preservation. *Cultivator and Country Gentleman*, 17 Feb. 1887; lii. 129.

Frank William Taussig.

Assistant Professor of Political Economy, 1886——.

1–3. In the *Quarterly Journal of Economics:* 1. Wagner on the present state of Political Economy; translated, abridged, and prefaced by introductory and explanatory matter. Oct. 1886; i. 113–135. — 2. The southwestern strike of 1886. *Ibid.* Jan. 1887; i. 184–222. — 3. Prices in Great Britain, Germany, France, and the United States. With J. L. Laughlin. April, 1887; i. 385–398.

Roland Thaxter.

Assistant in Biology, 1886——.

1. On certain cultures of Gymnosporangium, with notes on their Roesteliae. *Proc. Am. Acad.* 1887; xxii. 259–269.

Belongs to the series: *Contributions from the Cryptogamic Laboratory of the Museum of Harvard College.*

James Bradley Thayer.

Professor of Law, 1883——.

1. Remarks made at a meeting in Cambridge, Mass., called by the Women's Indian Association of that city, 3 May, 1886. 8°. pp. 4.
2. Speech at the dinner of the Alumni at the 250th anniversary of Harvard College, 8 Nov. 1886. *Record of the Commemoration*, 319–323.
3. Remarks made before the Worcester Indian Association at Worcester, Mass., 17 Feb. 1887. 8°. pp. 7.
4. Legal tender. *Harv. Law Review*, May, 1887; i. 73–97.
5. Address before the Alpha Delta Phi society at its fifty-fifth annual convention in Boston, 4 May, 1887. *Boston Post*, 5 May, 1887.
6. Various unsigned contributions to the *Nation*.

Joseph Henry Thayer.

Bussey Professor of New Testament Criticism and Interpretation, 1884——.

1. A Greek-English lexicon of the New Testament: being Grimm's Wilke's Clavis Novi Testamenti, translated, revised, and enlarged by J. H. Thayer. New York. Harper. 1887. [1886.] 4°. pp. xix. 726.

Also published in London, 1886, from duplicate plates. The preface is dated Dec. 25, 1885.

2. Memorial edition. Greek lexicon of the Roman and Byzantine periods. By E. A. Sophocles. New York. Scribner's. 1887. l. 8°. pp. xvi. 1188, *portr.*

The publication of this memorial edition was authorized, and the supervision of it entrusted to Professor Thayer, by vote of the President and Fellows of 11 January, 1887.

3–5. In the *Andover Review*: — 3. A notice of 'H ΚΑΙΝΗ ΔΙΑΘΗΚΗ. Novum Testamentum etc. . . . curante F. H. A. Scrivener . . . Cantab. . . . Lond. . . . 1887. April, 1887; vii. 454–458. — 4. A notice of Novum Testamentum Graece, ex ultima Tischendorfii recensione, edidit Oscar de Gebhardt. Editio stereotypa minor. Lips. 1887. June, 1887; vii. 674. — 5. A notice of An introduction to the textual criticism of the New Testament. By the Rev. Benjamin B. Warfield, D.D. . . . London. Hodder & Stoughton. 1886. July. 1887; viii. 100.

William Hopkins Tillinghast.

Assistant in charge of the Ordering Department at the Library, 1882——.

1, 2. A list of the publications of Harvard University and its officers, with the principal publications on the University, 1880–1885. Cambridge. 1886. pp. 62. — The same, 1885–1886. Cambridge. 1887. pp. 21.

Bibliographical contributions of Harvard College Library, no. 21, 23.

3. A bundle of statistics relating to the graduates of Harvard University. Gathered for the two hundred and fiftieth anniversary, November 5–8, 1886. 4°. pp. (12).
4. Necrology of Harvard graduates in each number of the *Harvard University Bulletin*.

Crawford Howell Toy.

Hancock Professor of Hebrew and other Oriental Languages, and Dexter Lecturer on Biblical Literature, 1880——.

1. The older Arabic poetry. *Harvard Monthly*, Jan. 1886; i. 135–148.
2. The Lokman legend. *Proc. Am. Oriental Soc.* May, 1887, pp. xxii.–xxvii.
3. Rise of Hebrew psalm-writing. *Journ. Soc. Bibl. Lit. and Exegesis*, June, 1887, pp. 47–60.
4. Modern biblical criticism. *Unit. Rev.* Sept. 1887; xxviii. 273–281.
5. Numerous signed book reviews in the *Unitarian Rev.* and the *Christian Register*.

John Trowbridge.

Professor of Physics, 1880——.

1. Oxygen in the sun. By J. Trowbridge and C. C. Hutchins. *Proc. Am. Acad.* March, 1887; xxiii.
2. Carbon in the sun. By the same. *Ibid.*
3. Physical notes as joint editor of the *American Journal of Science.*

1. and 2. belong to the series: *Contributions from the Physical Laboratory of Harvard College.* For other articles in this series, prepared under the direction of Professor Trowbridge, see Official Publications: Scientific papers from the laboratories.

Herman Frank Vickery.

Assistant in Clinical Medicine, 1885——.

1. A text-book of medicine for students and practitioners. By Dr. Adolf Strümpell. Translated by H. F. Vickery, M.D., and P. C. Knapp, M.D. With editorial notes by F. C. Shattuck, M.D. New York. Appleton. 1887. 8°. pp. xx. 981, *illustr.*

Marshman Edward Wadsworth.

Assistant in Lithology, 1877–1887.

1. Preliminary report on the peridotites, gabbros, and diabases of Minnesota. *Bull. Minn. Geolog. Survey*, no. 2, pp. 175, *plates* 12.
2. The Keweenawan system. *Science*, 1887; x. 166.

Oliver Fairfield Wadsworth.

Clinical Instructor in Ophthalmoscopy, 1881——.

1. The amblyopia of squint. *Boston Med. and Surg. Journ.* 20 Jan. 1887; cxvi. 49–52. See *also* 10 March, pp. 232, 233.

George Lincoln Walton.

Clinical Instructor in Diseases of the Nervous System, 1885——.

1. Hysteria. *Reference Handbook of the Medical Sciences.* Ed. A. H. Buck. New York. Wood. 1886. Vol. iii. p. 807.
2. Hypochondria. *Ibid.* p. 792.
3. Case of concussion followed by paralyses pointing to hemorrhage into the fissure of Rolando. *Boston Med. and Surg. Journ.* 7 Jan. 1886; cxiv. 3.
4. Cases of functional and organic injury to the central nervous system caused by trauma. *Ibid.* 4 Feb. 1886; cxiv. 102.
5. Aural and nervous symptoms of secondary syphilis. *Annales des maladies de l'oreille et du larynx.*

John Collins Warren.

Assistant Professor in Surgery, 1882–1887; *Associate Professor of Surgery*, 1887——.

1. Personal experience in the treatment of cancer. *Boston Med. and Surg. Journ.* 17 Feb. 1887; cxvi. 154–159.
2. The process of repair after resection of intestine and intestinal suture. Philadelphia. 1887. 8°. pp. 16, *illustr.*

Reprinted from *Transactions of the American Surgical Association*, 12 May, 1887.

Joseph Weatherhead Warren.

Assistant in Physiology, 1881–1887; *Instructor in Physiology*, 1887——.

1. Plethysmographic experiments on the vasomotor nerves of the limbs. With Dr. H. P. Bowditch. *Journ. of Physiology*, Nov. 1886; vii. 416–452, *plate* 1, *cuts.*
2. Notes on the digestion of "living" tissues. Boston. 1887. 16°. pp. 14.

Reprinted from the *Boston Med. and Surg. Journ.* 17 March, 1887; cxvi. 249–252.

3. Alcohol again: a consideration of recent misstatements of its physiological action. Boston. 1887. 12°. pp. 39.

Reprinted from the *Boston Med. and Surg. Journ.* 7, 14 July, 1887; cxvii. 1–6, 25–29.

4. Notes of progress in physiology. *Boston Med. and Surg Journ.* 11 and 18 Aug. 1887; cxvii. 123–131, 152–156.

Sereno Watson.

Curator of the Herbarium, 1881——.

1. Contributions to American botany: — i. List of plants collected by Dr. Edward Palmer in the state of Jalisco, Mexico, in 1886. — ii. Descriptions of some new species of plants. *Proc. Am. Acad.* 1887; xxii. 396–471. *Also* separate issue as "Contributions to American Botany. xiv." with index, pp. ii. — issued June 25, 1887.
2. Our "tripetalous" species of Iris. *Botanical Gazette*, May, 1887; xii. 99–101.
3. The genera Echinocystis, Megarrhiza and Echinopepon. *Bull. Torrey Botan. Club*, Aug. 1887; xiv. 155–158.

Barrett Wendell.

Instructor in English, 1882——.

1. Rankell's remains: an American novel. Boston. Ticknor. 1887. 16°. pp. 316.
2. Draper. *Harvard Monthly*, Oct. 1885; i. 1–6.
3. Social life at Harvard. *Lippincott's Mag.* Jan. 1887; xxxix. 152–163.

Oliver Clinton Wendell.

Assistant in the Observatory, 1880——.

1–7. In *Astronomische Nachrichten:* — 1. Observations of comet 1887 b, cxvi. 191. — 2. Observations of comet 1886 viii., cxvi. 191. — 3. Observations of comet 1887 d, cxvi. 267. Also *Astronomical Journal*, vii. 79. — 4. Orbit of comet 1887 d, cxvi. 317. Also *Sidereal Messenger*, vi. 161. — 5. Orbit of comet 1886 ix, cxvii. 59. — 6. Orbit of comet 1887 e, cxvii. 119. — 7. Observations of comet 1887 e, cxvii. 243. Also *Astronomical Journal*, vii. 111, 119.

James Clarke White.

Professor of Dermatology, 1871——.

1. Dermatitis venenata: an account of the action of external irritants upon the skin. Boston. Cupples. 1887. pp. 210.

John Williams White.

Professor of Greek, 1884——.

1–6. College Series of Greek Authors. Edited under the supervision of John Williams White and Thomas D. Seymour.

1. Thucydides, Book vii. Edited by Charles Foster Smith, of Vanderbilt University. Boston. 1886. 8°.
2. Thucydides, Book vii. Edited as above. *Text Edition.* Boston. 1886. 8°.
3. Thucydides, Book i. Edited by Charles D. Morris, of Johns Hopkins University. Boston. 1887. 8°.
4. Thucydides, Book i. Edited as above. *Text Edition.* Boston. 1887. 8°.
5. Homer's Iliad. Books i.–iii. Edited by Thomas D. Seymour, of Yale University. Boston. 1887. 8°.
6. Homer's Iliad. Books i.–iii. Edited as above. *Text Edition.* Boston. 1887. 8°.

Harold Whiting.

Instructor in Physics, 1883——.

1. Provisional list of experiments in elementary physics for admission to college in 1887. Cambridge. 1886. Published by the University. 12°. pp. (4).
2. List of experiments in physical measurement. Intended for use in Physics *C*, and for preparing students for the admission examinations in advanced standing in 1888. Cambridge. 1887. Published by the University. 12°. pp. 23.

Charles Otis Whitman.

Assistant in Zoölogy, 1882–1887.

1. Biological instruction in universities. *Am. Naturalist*, June, 1887; xxi. 507–519.

Charles Herbert Williams.

Instructor in Ophthalmology, 1884——.

1. A comparison of some cases of cataract extraction, with and without iridectomy. *Boston Med. and Surg. Journ.* 1 Sept. 1887; cxvii. 202–204.

Justin Winsor.

Librarian of the University, 1877——.

1. The narrative and critical history of America. Vol. v. [1887.] Roy. 8° and f°. eds. pp. vii. 649, *maps and illustr.*

Editor, and also writer of the following sections:—

1. Cartography of Louisiana and the Mississippi basin under the French domination. pp. 79–86.
2. New England, 1689–1763. pp. 87–188.
3. Maryland and Virginia. pp. 259–284.
4. Critical essay on the sources of Carolina history. pp. 333–356.
5. Authorities on the French and Indian wars of New England and Acadia, 1688–1763. pp. 420–471.
6. Maps and bounds of Acadia. pp. 472–482.
7. The struggle for the great valleys of North America. pp. 483–622.

2. Was Shakespeare Shapleigh? A correspondence in two entanglements. Boston. 16°. 1887.

Reprinted, with additions, from the *Atlantic Monthly*, May, 1887; lix. 617–624.

3. The May-flower town. An address at the two hundred and fiftieth anniversary of the incorporation of the town of Duxbury, Mass., June 17, 1887. Cambridge. 1887. 8°. pp. 35.

Also in: The 250th anniversary of the settlement of Duxbury, June 17, 1887. Plymouth. 1887. 8°. pp. 12–42.

4. The manuscript sources of American history, an address given by the President before the American Historical Association, Boston, 21 May, 1887. New York. 1887.

Reprinted from the *Magazine of American History*, July, 1887. Also to appear in the *Proceedings* of the Association.

5. Notes on the spurious letters of Montcalm, 1759. Cambridge. 1887. 8°. pp. 6.

Reprinted from the *Proc. Mass. Hist. Soc.* Jan. 1887; 2d ser. iii. 202–205.

6. Elder William Brewster, of the "Mayflower"; his books and autograph, with other notes. Cambridge. 8°. pp. 17.

Reprinted from the *Proc. Mass. Hist. Soc.* March, 1887; 2d ser. iii. 261–274.

7. American editor of the *English Historical Review*. London. 1887.

8. Edited the Record of the Commemoration, 5–8 Nov. 1886, on the two hundred and fiftieth anniversary of the founding of Harvard College. Cambridge. 1887. pp. 329 *illustr.*

9. Edited the Harvard University Bulletin, nos. 35, 36, 37; Oct. 1886—May, 1887.

10. Edited Bibliographical Contributions republished from the Bulletin of Harvard University. *See* p. 7.

11. Ninth report of the librarian of Harvard College. 1885–86. Included in the annual report of the President; and also separately.

SUMMARY.

The Publications of the University (including those of the Departments, the Laboratories, Undergraduates, etc.) recorded in 1885–86 numbered 75 articles; in 1886–87, 109 articles: of Publications on the University, the list for 1885–86 contained 133, that for 1886–87, 207 titles: the Publications of the Officers of the University on record in 1885–86 numbered 389, in 1886–87, 544 articles. Throwing 381, and 523, respectively, of these titles into a rough classification, the following result appears:—

	Number of articles published. 1885–86.	1886–87.
General (including Bibliography)	13	12
Theology and Philosophy	19	50
Natural Sciences (including Anatomy and Physiology)	157	213
Medicine (diagnosis and treatment)	76	116
Law and Sociology	21	47
Archaeology and Antiquities	15	9
History, Politics and Biography (also Geography)	52	32
Philology	15	16
Useful Arts	3	2
Literature	10	26

In preparing the first annual list circulars were sent to 217 officers; 36% of the number returned the titles of works published, and 57% made no reply. For the present list, 236 circulars were sent; 47% elicited titles of publications, while only 31% met with no response. If these annual lists are to be full and accurate it is necessary that each officer should take the trouble to send in a complete record of his publications; it is also highly desirable that those who have not published anything should report that fact, and thus save the editor much labor that would otherwise be wasted.

Library of Harvard University.

BIBLIOGRAPHICAL CONTRIBUTIONS.

EDITED BY JUSTIN WINSOR,
LIBRARIAN.

No. 29.

INDEX TO RECENT REFERENCE LISTS. No. III.

1887.

By WILLIAM COOLIDGE LANE,
Assistant Librarian.

Republished from the Bulletin of Harvard University.

CAMBRIDGE, MASS.:
Issued by the Library of Harvard University.
1888.

Already issued or in preparation:

A Star prefixed indicates they are not yet ready.

VOL. I.

1. EDWARD S. HOLDEN. Index-Catalogue of Books and Memoirs on the Transits of Mercury.
2. JUSTIN WINSOR. Shakespeare's Poems: a Bibliography of the Earlier Editions.
3. CHARLES ELIOT NORTON. Principal books relating to the Life and Works of Michelangelo, with Notes.
4. JUSTIN WINSOR. Pietas et Gratulatio. An Inquiry into the authorship of the several pieces.
5. LIST OF APPARATUS in different Laboratories of the United States, available for Scientific Researches involving Accurate Measurements.
6. THE COLLECTION OF BOOKS AND AUTOGRAPHS, bequeathed to Harvard College Library, by the Honorable Charles Sumner.
7. WILLIAM C. LANE. The Dante Collections in the Harvard College and Boston Public Libraries.
8. CALENDAR of the Arthur Lee Manuscripts in Harvard College Library.
9. GEORGE LINCOLN GOODALE. The Floras of different countries.
10. JUSTIN WINSOR. Halliwelliana: a Bibliography of the Publications of James Orchard Halliwell-Phillipps.
11. SAMUEL H. SCUDDER. The Entomological Libraries of the United States.
12. A LIST OF THE PUBLICATIONS of Harvard University and its Officers, 1870–1880.
13. SAMUEL H. SCUDDER. A Bibliography of Fossil Insects.
14. WILLIAM H. TILLINGHAST. Notes on the Historical Hydrography of the Handkerchief Shoal in the Bahamas.
15. J. D. WHITNEY. List of American Authors in Geology and Palæontology.
16. RICHARD BLISS. Classified Index to the Maps in Petermann's Geographische Mittheilungen. 1855–1881.
17. RICHARD BLISS. Classified Index to the Maps in the Royal Geographical Society's Publications. 1830–1883.
18. JUSTIN WINSOR. The Bibliography of Ptolemy's Geography.
19. JUSTIN WINSOR. The Kohl Collection of Early Maps.
20. WILLIAM C. LANE. Index to Recent Reference Lists, no. 1. 1884–1885.

VOL. II.

21. A LIST OF THE PUBLICATIONS of Harvard University and its Officers, 1880–1885.

*22. JUSTIN WINSOR. Calender of the Sparks Manuscripts in Harvard College Library.

23. WILLIAM H. TILLINGHAST. List of the Publications of Harvard University and its Officers, 1885–1886.
24. WILLIAM C. LANE. Index to Recent Reference Lists, no. 2. 1885–1886.
25. W. G. FARLOW and WILLIAM TRELEASE. List of Works on North American Fungi.
26. WILLIAM C. LANE. The Carlyle Collection.
27. ANDREW McF. DAVIS. A few notes on the Records of Harvard College.
28. WILLIAM H. TILLINGHAST. List of Publications of Harvard University and its Officers, 1886–1887.
29. WILLIAM C. LANE. Index to Recent Reference Lists, no. 3. 1887.

INDEX

OF

REFERENCE LISTS AND SPECIAL BIBLIOGRAPHIES

INCLUDED IN

PERIODICAL AND OTHER PUBLICATIONS OF RECENT DATE.

No. 3. 1887.

By WILLIAM COOLIDGE LANE, *Assistant Librarian.*

*** In continuation of the Index published in January, 1887, and compiled in the same way. The larger number of the following titles refer to books or periodicals published in 1887, but many of earlier date have been included as they have come to my notice, and for a portion of these relating to American topics I am indebted to the kindness of Mr. Paul Leicester Ford, of Brooklyn, N. Y. The few titles which I have not been able to verify personally are distinguished by an asterisk.

African fauna. Beiträge zur zoögeographie Westafrikas. Von H. J. Kolbe. Halle. 1887. 4°. (Nova acta, l. 3.)

Verzeichniss der benutzten litteratur, pp. 208–210.

Ainos (and Yezo), Catalogue of works relating to. 465 titles. (Memoirs of the literature college, imperial university of Japan. No. 1. Language, mythology, etc. of Japan viewed in the light of Aino studies. By B. H. Chamberlain, 1887, pp. 137–174.)

Aisne, *Department of, France.* Bibliographie sommaire pour le Congrès de Laon et de Soissons. Par le comte de Marsy. (Bulletin monumental, 1887, liii. 215–224.)

Albertinelli, Mariotto, et Fra Bartolommeo della Porta. Par Gust. Gruyer. Paris. 1886. 8°.

Catalogue et bibliographie, pp. 96–106.

Algae, Fresh-water, of the United States. By F. Wolle. Bethlehem, Pa. 1887. 8°.

Authorities quoted, pp. vii.–xi.

***Almanacs.** Bibliographie des almanachs nancéiens au xviii^e^ siècle. Par Emm. Briard. (Mémoires de la soc. d'archéol. lorraine, 1886, pp. ...)

—— Literature of. By H. R. Plomer. (Walford's Antiquarian, 1887, xi. 24, 161.)

America, Icelandic discoveries of. By M. A. Brown. London. 1887. 16°.

Bibliography of the more important books, pp. 209–213.

—— Narrative and critical history of America. Edited by Justin Winsor. Vol. ii.–vi. 1886–88. 4°.

Critical essays on the sources of information follow most of the chapters; there are many bibliographical accounts of the cartography of the country, and the following special bibliographical essays: — Critical and bibliographical notes on Vespucius and the naming of America, ii. 153–179. — The bibliography of Pomponius Mela, Solinus, Vadianus, and Apianus, ii. 180–186. — Joliet, Marquette and La Salle; historical sources and attendant cartography, iv. 201–246. — The Jesuit relations, iv. 295–316. — The later histories of the Carolinas, v. 354–356. — Authorities on the French and Indian wars of New England and Acadia, 1688-1763, v. 420–432.

Vol. vi. relates to the American revolution, and contains bibliographical notes throughout.

—— Sources of North-Western history. By W. Dennis. (Manitoba hist. and scient. soc. Transactions [1883], no. 6.)

America, Central, List of works relating to [more important titles only]. Brigham, W. T. Guatemala, 1887, pp. 430–442.)

American books and pamphlets advertised in the Pennsylvania Gazette, 1728–1765. Compiled by T. Westcott. (Historical magazine, 1860, iv. 73, 235, 328.)

Amputation of limbs, On changes in nervous system after, with bibliography. By E. S. Reynolds. (Brain, Jan. 1887, ix. 494–509.)

André, John, Bibliography of. By C. A. Campbell. (Magazine of Amer. hist., 1882, viii. 61–72.)

Angell, Joseph K. Bibliographical memoir of. By S. S. Rider. (Rhode Island hist. tracts, 1880, no. 11, pp. 1–25.)

Anthropology, Bibliography of, 1885. By O. T. Mason. (Annual rep. of the Smithsonian inst. for 1885, part I. pp. 844–870.)

Arabic literature. Bibliographie ottomane. Notice des livres turcs, arabes et persans imprimés à Constantinople, 1885–86. Par Cl. Huart. (Journal asiatique, 1887, ix. 350–414.)

Continued from earlier volumes.

***Arc, Jeanne de,** Bibliographie des ouvrages relatifs à. Par P. d'Arc. (Bull. du bibliophile et du bibliothécaire, 1886, pp. ...)

Archadelt, Jacob, Bibliographie der druckwerke A.'s Von R. Eitner. (Monatsh. f. musikgesch., 1887, xix. 121–156.)

Architecture. Best twenty books for an architect's library. (American architect, 1887, xxi. 81.)

—— Brief list of the more important architectural works, recommended to candidates for the architectural examinations (Royal institute of British architects. Kalendar, 1887–88, pp. 121–125.)

—— One hundred architectural books, from the *Building news.* (American architect, 1887, xxii. 50–52.)

Aristotle, Suggestions to those beginning the study of, with bibliography. (Journ. of specul. philos., 1886, xx. 430–443.)

Arithmetic. Earliest arithmetical books in European vernaculars. (Notes and queries, 1887, iv. 341.)

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(100)

To a Sky-Lark

Hail to thee blithe Spirit!
Bird thou never wert,
That from Heaven or near it,
Pourest thy full heart
In profuse strains of unpremeditated art.
— inert

In the golden lightning
Of the sunken sun —
O'er which clouds are brightening
Thou dost float & run;
Like an unbodied joy whose race is just begun.

The pale purple even
Melts around thy flight,
Like a star of Heaven
In the broad daylight
Thou art unseen, — but yet I hear thy shrill delight

(14)

Keen as are
~~Thy notes, like~~ the arrows
Of that silver sphere,
Whose intense lamp narrows
In the white dawn clear
Until we hardly see — we feel that it is there.

2

Higher still & higher
From the earth thou springest
Like a cloud of fire
The blue deep thou wingest
and
And singing still dost soar & soaring ever singest

All the earth & air —
With thy voice is loud,
As when Night is bare
From one lonely cloud
The moon rises out the mean — and Heaven is overflowed

What thou art we know not
What is most like thee?
From rainbow clouds there flow not —
Drops so bright to see
As from thy presence showers a rain of melody

Like a Poet hidden
In the light of thought,
Singing hymns unbidden
Till the world is wrought
To sympathy with hopes & fears it heeded not —

Like a high-born maiden
In a palace-tower,
Soothing her love-laden
Soul in secret hour,
With music sweet as love — which overflows her bower

Like a glow-worm golden
In a dell of dew
Scattering unbeholden
Its aerial hue
Among the flowers & grass which screen it from the view

Like a rose embowered
In its own green leaves —
By warm winds deflowered —
Till the scent it gives
Makes faint with too much sweet these heavy-winged thieves

Sound of vocal showers
On the twin-banked grassy plot,
Heart-awakened flowers, and
All that ever was
Joyous & clear & fresh, thy music doth surpass.

-ouch us, Spirit or Bird
What sweet thoughts are thine;
I have never heard
Praise of love or wine
That flows forth a flood of rapture so divine:

Chaos Hymeneal
Or triumphal chaunt
Matched with thine, would be all
But an empty vaunt
A thing wherein we feel there is some hidden want

What objects are the fountains
Of thy happy strain
What fields or waves or mountains?
What shapes of sky or plain?
What love of thine own kind? what ignorance of pain?

With thy clear keen joyance
Langour cannot be -
Shadow of annoyance
Never came near thee
Thou boat - that never knew love's sad satiety;

Waking or asleep
Thou of death must dream,
Things more true & deep
Than we mortals deem
Or how could thy notes flow in such a crystal stream

We look before & after
And pine for what is not.
Our sincerest laughter
With some pain is fraught
Our merriest songs are those that tell of saddest thought

Yet if we could scorn
Hate & pride & fear;
If we were things born
Not to shed a tear
I know not how thy joy we ever should come near

Better than all measures
Of delightful sound –
Better than all treasures
That in books are found.
Thy skill to poet were thrice sacred of the ground

Fleet wert thou and like the flame
Skilful to part and hail and tame
Such harmonious madness
From my lips would flow
The world should listen then — as I am listening now